

19991028.qrp v01_n622.qrl.991028

Date: Thu, 28 Oct 1999 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1622

QRP-L Digest 1622

Topics covered in this issue include:

- 1) [54375] How much does a TH6DXX weigh?
by K2UD@aol.com
- 2) [54376] Tonite's Fox- What time?
by RAWSONDM@cs.com
- 3) [54377] Re: Fw: Late November QST
by K2UD@aol.com
- 4) [54378] Weller Solder Station Dies (RIP)..
by "Phinizy, William" <wphinizy@filenet.com>
- 5) [54379] NorCal paddles...
by Mighty Mik <mitymik@wenet.net>
- 6) [54380] Re: How to read specs.
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 7) [54381] PROP: Current conditions
by "Paul Harden, NA5N" <na5n@rt66.com>
- 8) [54382] MANHAT: Soldering modules.
by Wa3ptg@aol.com
- 9) [54383] HELP!!!
by neil tanner <ntan@crosslink.net>
- 10) [54384] Help with all band Hf ant.
by Drbob92031@aol.com
- 11) [54385] Help identify this ? QRP rig or ??
by Michael Melland <badger@vbe.com>
- 12) [54386] Smoke - Happy Dance
by "KA5T Larry Wise" <lewise@inetport.com>
- 13) [54387] QRP ARCI NOUR
by Jim NOUR <n0ur@yahoo.com>
- 14) [54388] RE: HTX-10
by N10DL@aol.com
- 15) [54389] FOX time
by N10DL@aol.com
- 16) [54390] St. Louis Tuner
by "Ron Giuntini" <rong@slip.net>
- 17) [54391] Re: Help identify this ? QRP rig or ??
by "Jim Francoeur KC1FB" <jrfrancoeur@snet.net>
- 18) [54392] OT Spring for J-38
by Fred DeVries <fred.devries@mindspring.com>
- 19) [54393] Re: FOX time

- by Tom Palmer <n1tp@worldnet.att.net>
- 20) [54394] 50 states @ 935 milliwatts
by Jim Hale <kj5tf@yahoo.com>
- 21) [54395] Re: Attenuator
by "Nick Kennedy" <nkennedy@cswnet.com>
- 22) [54396] Re: FOX time
by Brian Murrey <brian@iquest.net>
- 23) [54397] Milliwatt Triple Crown! -It's coming!
by Bob Kellogg <ae4ic@nr.infi.net>
- 24) [54398] Re: 30wpm in QRP ARCI
by Clay N4AOX <wyn@worldnet.att.net>
- 25) [54399] QRP ARCI Fall QSO Party Results
by "Bob Helms" <af5z@inetport.com>
- 26) [54400] HTX-10
by BParkes@aol.com
- 27) [54401] Zombie "Q" Signals
by Rick Sealey <rsealey@InfoAve.Net>
- 28) [54402] POST FOXHUNT WAR STORIES
by Tom Palmer <n1tp@worldnet.att.net>
- 29) [54403] Re: POST FOXHUNT WAR STORIES
by Macstein@aol.com
- 30) [54404] FOX w/one watt tonight
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 31) [54405] FOX: Nice Job Ron!!
by BenNW7DX@aol.com
- 32) [54406] Another Tuna Tin Lives.
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 33) [54407] POST FOXHUNT WAR STORIES
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 34) [54408]
by Albert P Ruschel <aln4tme@juno.com>
- 35) [54409] ic-746 opinion
by bob evinger <revinger@comwares.net>
- 36) [54410] QRP-L and QPP-f
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 37) [54411] OHR 500 Questions
by Ed Kessler <edkess@epix.net>
- 38) [54412] FOX & AR
by jbhenson@zebra.net (James Bartley Henson III)
- 39) [54413] FOX
by Monte Stark <ku7y@dri.edu>
- 40) [54414] QRP-L Topic List
by "Chuck Adams K7Q0" <k7qo@primenet.com>
- 41) [54415] Re: FOX
by Pete Burbank <plburbank@kih.net>
- 42) [54416] RCVR: sherwood mods for drake
by James Skalski <jskalski@localnet.com>
- 43) [54417] RCVR: AGC/IF subsystem ?

by James Skalski <jskalski@localnet.com>
44) [54418] Re: 2N2/40 Boards
by Bob Hightower <ki7mn@extremezone.com>
45) [54419] MANHAT: Modular Layouts
by "Chuck Adams K7Q0" <k7qo@primenet.com>
46) [54420] Question Re: DL-QRP-PA
by AD6EZ@aol.com
47) [54421] FOX Log KU7Y
by Monte Stark <ku7y@dri.edu>
48) [54422] Re: NORCAL QRP CLUB NET SUNDAY EVENING!
by Bob Nielsen <nielsen@primenet.com>
49) [54423] RE: KJ5TF mW-WAS
by aweiss@usd.edu (Ade Weiss W0RSP)
50) [54424] Re: FOX HUNT WED local hint.....
by "Bill Todd" <zapzap73@hotmail.com>
51) [54425] HB: Bifilar and trifilar windings.
by "David D. Meacham" <ddm@datatamers.com>
52) [54426] Reflections - ARCI KU7Y
by aweiss@usd.edu (Ade Weiss W0RSP)
53) [54427] DSW Fox and Murphy
by "Bruce Prior" <n7rr@hotmail.com>
54) [54428] RE: Bifilar and trifilar windings.
by "Ed Tanton" <n4xy@att.net>
55) [54429] ELMER100: Toroid Experiment
by "Chuck Adams K7Q0" <k7qo@primenet.com>
56) [54430] re: HELP
by neil tanner <ntan@crosslink.net>
57) [54431] Re: ELMER100: Toroid Experiment
by "Dieter Gentzow WB8QYY" <wb8qyy@one.net>
58) [54432] Names
by "Jerry W. O'Dell" <jwodel@ameritech.net>
59) [54433] Filter needed
by "C. Lamar Derk" <n3at@noln.com>
60) [54434] Re: MFJ-1798 Antenna
by John R Kirby <n3aaz-qrp@juno.com>
61) [54435] Re: ARCI Logging/Duping Program (Confessions of a DOS Biggot)
by "Richard Arland" <r_arland@hotmail.com>
62) [54436] K2 - Worth the price? (again)
by K1JD@aol.com
63) [54437] Re: Help with all band Hf ant.
by "KC1DI" <elbc@pivot.net>
64) [54438] "Whatsit" Identified ! It's a Regen Receiver !!
by Michael Melland <badger@vbe.com>
65) [54439] AR QRP 40m Net Results
by Robsparks@aol.com
66) [54440] RCVR:Doerle Twinplex
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
67) [54441] Shuffle/HW-8

- by jaywa5whn@juno.com
- 68) [54442] Re: Price of a K2 - New or Used
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 69) [54443] RE: Bifilar and trifilar windings.
by "Chuck Adams K7Q0" <k7qo@primenet.com>
- 70) [54444] RE: Bifilar and trifilar windings.
by Karl Kanalz <KKanalz@excel.com>
- 71) [54445] Re: Bifilar and trifilar windings.
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
- 72) [54446] Must ham radio be expensive?
by Jim Glover <psykey@okcforum.org>
- 73) [54447] RE: Bifilar and trifilar windings.
by Dave Barrett <DBarrett@creo.com>
- 74) [54448] KITS: Re: OHR 500 Questions
by igeq100@iupui.edu
- 75) [54449] KITS: Sierra mods info needed
by Dave Ek <ekdave@earthlink.net>
- 76) [54450] Zombie Shuffle Pins from NorCal
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 77) [54451] Re: Must ham radio be expensive?
by Bruce Muscolino <w6toy@erols.com>
- 78) [54452] Re: Price of a K2 - New or Used
by Steve Kubisch <WW7Y@sisna.com>
- 79) [54453] MANHAT: stripline &
by Niel Skousen <nskousen@scientech.com>
- 80) [54454] Re: Must ham radio be expensive?
by Jim Glover <psykey@okcforum.org>
- 81) [54455] WAS is within my grasp!
by Brian <brian@iquest.net>
- 82) [54456] CRYSTAL CALIBRATOR
by "Brad Hernlem" <alihernlem@hotmail.com>
- 83) [54457] Re: WAS is within my grasp!
by K1JD@aol.com
- 84) [54458] Re: K2 - Worth the price? (again)
by "Dan W. Dooley" <dandooley@pipeline.com>
- 85) [54459] Re: OPINION: Must ham radio be expensive?
by "Steven Weber" <kd1jv@moose.ncia.net>
- 86) [54460] Re: HB: Attenuator
by "Steven Weber" <kd1jv@moose.ncia.net>
- 87) [54461] Re: Must ham radio be expensive?
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 88) [54462] PICS: 10 MHz PIC mark gen
by chuck.olson@sbaonline.gov
- 89) [54463] Info on Mercury Paddles?
by Jim Lowman <jmlowman@ix.netcom.com>
- 90) [54464] RE: FOXtime...000PPPS
by N10DL@aol.com
- 91) [54465] Radio Books Store

by "Bruce" <Bruce2@prodigy.net>
92) [54466] RE: Bifilar and trifilar windings.
by Christian Void <cvoid@netcom.com>
93) [54467] RE: OPINION: Must ham radio be expensive?
by "Jeremy Cowgar" <jcowgar@cbnews.org>
94) [54468] Fox #2 (This is fun stuff)!!!
by Tim <drboom@bright.net>
95) [54469] Re: OPINION: Must ham radio be expensive?
by "Dan W. Dooley" <dandooley@pipeline.com>
96) [54470] Filters
by "C. Lamar Derk" <n3at@noln.com>
97) [54471] Re: Radio Books Store
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
98) [54472] Re: K2 - Worth the price? (again)
by Roger Hightower <n7kt@earthlink.net>
99) [54473] Re: AR QRP 40m Net Results
by Ron Keener <rkeener@realtime.net>
100) [54474] And He Still Heard Me!
by "Dan W. Dooley" <dandooley@pipeline.com>
101) [54475] Re: RCVR: sherwood mods for drake
by semann@tcia.net (Steven Mann)
102) [54476] Re: Must ham radio be expensive?
by Bruce Muscolino <w6toy@erols.com>
103) [54477] Re: WAS 935mW
by Paul Stroud <aa4xx@ipass.net>
104) [54478] FS: PArtially Built K2
by Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
105) [54479] Re: Help with all band Hf ant.
by kc8aon@juno.com
106) [54480] Re: OT Spring for J-38
by kc8aon@juno.com
107) [54481] Re: [Elecraft] K2 - Worth the price? (again)
by DLShips@aol.com
108) [54482] First Fox
by "Francis Callahan" <colcal@srv.net>
109) [54483] K2 complaints and how to end them
by "David Maliniak" <dmaliniak@penton.com>
110) [54484] Re: Names
by "Dan Hogan" <dhhogan@nav.cnchost.com>
111) [54485] HW-9 Price?
by Ed Kessler <edkess@epix.net>

Date: Wed, 27 Oct 1999 19:01:56 EDT
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [54375] How much does a TH6DXX weigh?

Message-ID: <0.f7ff7ea8.2548de64@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have an opportunity to pick one up. Does anyone have the manual for theirs and can tell me how much it weighs? I need to know how much muscle to bring with me when I take one down.

Thanks all es 72

Howard Kraus, K2UD

Date: Wed, 27 Oct 1999 19:06:43 EDT
From: RAWSONDM@cs.com
To: qrp-l@lehigh.edu
Subject: [54376] Tonite's Fox- What time?
Message-ID: <0.5777ba38.2548df83@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Sorry folks, lost the post. What time is the foxhunt tonite ?

Thx,
Dave KB8RRG

Date: Wed, 27 Oct 1999 19:07:15 EDT
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [54377] Re: Fw: Late November QST
Message-ID: <0.951816a3.2548dfa3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Got mine two weeks ago here in NY.

72

Howard Kraus, K2UD

Date: Wed, 27 Oct 1999 16:13:34 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-1 List Server'" <qrp-1@Lehigh.edu>
Subject: [54378] Weller Solder Station Dies (RIP)..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F02BE5852@hq-expo2.filenet.com>

Many thanks to all those who contributed facts, advice, and moral support. The depth and value of the advice was fantastic! I even was pointed to a vendor who was 4 miles from my work -- and who just happened to have the parts "necessary" for the repair (read below). He also had a great deal on 5-50 pF ceramic trim pots, which helped the junk box out a lot.

I hate to obsess about this, but I replaced the switch and barrel nut assembly (\$33 total) only to find a frayed cord was a problem. I don't care, the damn iron was kinda crappy inside; like Tim Allen says, "SO I REWIRED IT". Now it looks spiffy, works great, will be good for another 5 years; I now have no fear of these beasts anymore!

..again thanks to all..

..gush..gush..gush..

k6whp.

Date: Wed, 27 Oct 1999 16:46:17 -0700
From: Mighty Mik <mitymik@wenet.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [54379] NorCal paddles...
Message-ID: <38178E92.61961C30@wenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

before the supply dries up ... i'm looking for either kit or assembled narrow spaced version. I upgraded the TICK in my NC20 to a -4, so i have a -1 to learn with. (you don't even want to see what i'm using now)

--

@@
72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111 Tripoli #3071 Level 2 GRID CM87

Date: Wed, 27 Oct 1999 19:46:13 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>

To: qrp-1@lehigh.edu
Subject: [54380] Re: How to read specs.
Message-ID: <38178EC5.68EB@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

SFIKE@twa.com wrote:

> I need someone who knows how to read technical specifications to show me
> how to interpret them.

One of the articles featured on <http://www.arrl.org/tis/info/rigbuy.html> explains the major specifications and how to interpret them.

> rig X= MDS at 80 meters-128, MDS at 20 meters-139,
> Blocking DR at 80 meters 115, Blocking DR at 20 meters 125
> IMD DR at 80 meters 94, IMD at 20 meters 90

> rig Y= MDS at 80 meters-127, MDS at 20 meters-124,
> Blocking DR at 80 meters 117, Blocking DR at 20 meters - (?),
> IMD DR at 80 meters 84, IMD DR at 20 meters 80

In raw numbers, rig X appears to be better than rig Y. The MDS on 20 meters at -124 dBm is a bit low. On 80 M, it would be okay because it would still be lower than the external noise at the receiver input.

Those IMD DRs at 80-84 dB are pretty low. In a crowded band with a good antenna, the radio would probably be prone to overload. If you use a modest antenna (tribander at 40 feet) NOT in major contests, though, it will probably be okay for casual contests.

Dynamic range is one of those specs where you don't need more than you need. If the radio has enough dynamic range NOT to overload with the signals present from your antenna, more DR does not buy you any better performance. But that 80 dB IMD DR is toward the low side, so consider your use of the radio.

For most hams, features are perhaps more important than raw performance data.

This concept is expanded quite a bit in the URL I cited.

73,
Ed Hare, W1RFI

Date: Wed, 27 Oct 1999 17:56:12 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [54381] PROP: Current conditions
Message-ID: <Pine.SUN.4.10.9910271750530.17332-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The solar flux minimum was a short cycle this solar rotation, and already the solar flux has risen dramatically in the past few days to hit 197 today, with 200's predicted for the next few days. And this is just the first few days of the upswing part of this cycle. This could imply VERY high solar flux values over the next 2 weeks, which means very good skip propagation on the higher bands, and low signal attenuation.

The geomagnetic field remains a bit unsettled, causing slightly higher than normal noise levels on 40-80M.

For the Zombie Shuffle -- this means 20M should be fairly hot early evening friday, and 40M may be a bit noisy, but very workable, even for QRP signals. This holds true for saturday and sunday, for those wishing to participate in the Black Cat event.

In short ... get on the air. Solar flux is good, and the higher bands will only get better over the next week or so.

72, Paul NA5N

Date: Wed, 27 Oct 1999 19:55:53 EDT
From: Wa3ptg@aol.com
To: qrp-l@lehigh.edu
Subject: [54382] MANHAT: Soldering modules.
Message-ID: <0.c59e928d.2548eb09@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have several single-stage modules built Manhattan style. Would I be asking for trouble if I soldered these down on a larger PC board? This would involve soldering the corners to the larger board. This would allow me to build and test modules independently of the project, and to later salvage modules from old projects.

WA3PTG
Harry (Hap) Hurst
Wilmington, DE

Date: Wed, 27 Oct 1999 20:01:39 -0400
From: neil tanner <ntan@crosslink.net>
To: qrp list <qrp-l@lehigh.edu>
Subject: [54383] HELP!!!
Message-ID: <38179263.51E568EA@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all-

Had a great time during the Fall Qso party....but am going away for a while. Went to the site and thought I placed it on postpone, but still got the digest. Did it again, set it up for postpone and typed in another e-mail address (in case the first one was the wrong one) and I am still getting the digest. Anybody else having this problem? What am I doing wrong??? Tnx es 72 Neil wa4chq

Date: Wed, 27 Oct 1999 20:09:53 EDT
From: Drbob92031@aol.com
To: qrp-l@lehigh.edu
Subject: [54384] Help with all band Hf ant.
Message-ID: <0.a14e4842.2548ee51@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

To all;

I intend to put up an 80 M dipole, coax fed. I would like to work 80;40;20;15;10 M. using a tuner. I read in texts to feed with tuned lines to preserve balance.

Question; I dont care about balance and open wire line may yield RFI A NO NO here. I just want to get out(live in condo NO ANTENNAS allowed) so I have a long wire on the roof which came down in the hurricane so will the 80 M dipole work with coax and a tuner.???? To get into it a bit more. I am on the 5th floor of a 6th floor building. Coax is hidden in a conduit and runs about 25 ft. to the long wire which gets out but highly directional until it came down in Floyd.(hurricane)

Any and all help appreciated.
72/73 de WA2EAW...Bob

Date: Wed, 27 Oct 1999 19:12:35 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-1@lehigh.edu
Subject: [54385] Help identify this ? QRP rig or ??
Message-ID: <381794F3.C5D639CC@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi guys..... I picked up a "whatsit" in a sale. The guy I bought it from thought it was a signal generator but I'm not so sure. It is very well made (a bit dirty yet as I haven't cleaned it up yet) and contains some very nice components that are pretty much like new. It has a really nice vernier drive dial, contains a coil wound on a form, a 6AF11 tube, speaker, phone jack, two transformers, 3 jacks on the left side etc..... What is it ???

See pics of it at:

front : <http://www.vbe.com/~badger/whatsit/front.jpg>
left side : <http://www.vbe.com/~badger/whatsit/left.jpg>
right side : <http://www.vbe.com/~badger/whatsit/right.jpg>
inside : <http://www.vbe.com/~badger/whatsit/inside.jpg>
inside top : <http://www.vbe.com/~badger/whatsit/top.jpg>

Case is a "silver/gray hammertone" but I'm a challenged digital photographer so..... could this be a transmitter ??? Lets see who can figure this one out <grin>.

Thanks

--
Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal,
NJ-QRP #214, Cheeseheads QRP Club
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Thu, 28 Oct 1999 00:18:59 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [54386] Smoke - Happy Dance
Message-ID: <199910280016.TAA17543@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Got the drivers changed in the IC720A and it transmits again...
And... it receives when you put all the jumpers in the correct place.. :-)

Watch out hounds.... going to try for the FOX.....with the
oldtimer.....:-)

Larry KA5T

Date: Wed, 27 Oct 1999 17:18:15 -0700 (PDT)
From: Jim NOUR <n0ur@yahoo.com>
To: QRP-L QRP-L <qrp-1@Lehigh.EDU>
Subject: [54387] QRP ARCI NOUR
Message-ID: <19991028001816.14890.rocketmail@web215.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- >
> I enjoy seeing who did what on which bands, so here
> are my numbers.
>
> Band QSOs Points Mults
> 160 2 70 2
> 80 31 1043 18
> 40 100 3059 38
> 20 166 4781 40
> 15 159 4557 40
> 10 32 896 21
> Total 490 14406 159 Score 2,290,554
>
> My best effort yet, but like the say "one mans
ceiling is another mans floor."

20 and 15 meters were my bread and butter, 40 and below were very noisy up here. Strange propagation on 10, some very strong signals, but only to a small part of the country. Did work a KH6 on 10, 15 and 20. Only managed to work a few QRP Europeans.

Great contest, the pressure of being on a team who is expecting a good score kept me in front of the rig for the whole 24 hours.

Thanks to all!!

72's
Jim N0UR

=====

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Wed, 27 Oct 1999 20:18:42 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [54388] RE: HTX-10
Message-ID: <0.34f54f2c.2548f062@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I got smart and found one on the used equipment list on the web. Now have one which works great and am running it of my vertical. have heard (not talked to yet) S5, F5, and a bunch of others on SSB. My real love is CW and have made several contacts on that mode....Would much rather have one that I can do CW with....off to the FOX HUNT....

Aron
N10DL
Bedford, NH
QRP-L #1326

Date: Wed, 27 Oct 1999 20:21:31 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [54389] FOX time
Message-ID: <0.6e5793ab.2548f10b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The fox will be on at 0300Z till 0230Z. Go Get Him....
Aron
N10DL

Date: Wed, 27 Oct 1999 17:28:53 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [54390] St. Louis Tuner
Message-ID: <001501bf20db\$6aa6b4a0\$37c5abcf@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi.
Anybody know how the capacitors should be wired, please contact me directly.
rong@slip.net
The manual shows four tabs, the thing has eight. The updates only confuse
me, and one fellow replied, but I am still confused.
If you know how it is supposed to be wired, please email me.
Sorry I can't contribute to the boring K 2 price thread.
I am too busy deciding for myself what is worth the money. Like in normal
life.

Date: Wed, 27 Oct 1999 20:26:48 -0400
From: "Jim Francoeur KC1FB" <jrfrancoeur@snet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54391] Re: Help identify this ? QRP rig or ??
Message-ID: <00e401bf20db\$21303f80\$a04dfea9@tiger01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Looks a lot like all the parts for a one tube regen receiver, and it looks sorta homebrew.

Jim Francoeur KC1FB qrp-l #29
Norwalk, CT

----- Original Message -----

From: Michael Melland <badger@vbe.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Wednesday, October 27, 1999 8:12 PM

Subject: Help identify this ? QRP rig or ??

> Hi guys..... I picked up a "whatsit" in a sale. The guy I bought it
> from thought it was a signal generator but I'm not so sure. It is very
> well made (a bit dirty yet as I haven't cleaned it up yet) and contains
> some very nice components that are pretty much like new. It has a
> really nice vernier drive dial, contains a coil wound on a form, a 6AF11
> tube, speaker, phone jack, two transformers, 3 jacks on the left side
> etc..... What is it ???

>

> See pics of it at:

>

> front : <http://www.vbe.com/~badger/whatsit/front.jpg>

> left side : <http://www.vbe.com/~badger/whatsit/left.jpg>

> right side : <http://www.vbe.com/~badger/whatsit/right.jpg>

> inside : <http://www.vbe.com/~badger/whatsit/inside.jpg>

> inside top : <http://www.vbe.com/~badger/whatsit/top.jpg>

>

> Case is a "silver/gray hammertone" but I'm a challenged digital

> photographer so..... could this be a transmitter ??? Lets see who

> can figure this one out <grin>.

>

> Thanks

>

> --

> Michael Melland, W9WIS

> Winneconne, Wisconsin, USA

> FISTS #4387, 10-10 #69281, QRP-L #1656,

> QRP-ARCI #9875, AK/QRP #478, NorCal,

> NJ-QRP #214, Cheeseheads QRP Club

> CW, SSB, and Electronics

> List Administrator: grundig@qth.net

> <http://www.qsl.net/w9wis>

>

>

>

Date: Wed, 27 Oct 1999 08:24:58 -0400
From: Fred DeVries <fred.devries@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [54392] OT Spring for J-38
Message-ID: <3.0.5.32.19991027082458.00811960@mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP friends,

Might one of you know where I might obtain a spring to replace the one that used to adorn my J-38?

Please respond off-list to :

fred.devries@mindspring.com

Thanks and 73,

Fred DeVries (KC8MMS)

Date: Thu, 28 Oct 1999 00:27:43 +0100
From: Tom Palmer <n1tp@worldnet.att.net>
To: N10DL@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54393] Re: FOX time
Message-ID: <38178A6F.2F74DBFC@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No. It's 0030 to 0230. Typo?

Tom, N1TP

N10DL@aol.com wrote:

> The fox will be on at 0300Z till 0230Z. Go Get Him....
> Aron

> N10DL

Date: Wed, 27 Oct 1999 17:35:02 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [54394] 50 states @ 935 milliwatts
Message-ID: <19991028003502.13007.rocketmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks to everyone for the encouragement these past months.
Tonight 10/27/99 I reached my goal of working all 50 states with under 1 watt.

Thanks allot to John K1JD in RI, and John NU0V in IA for tonights skeds.

K1JD and I got down to 50mW on 20M, and NU0V & I got down to 30mW on 40M.
My previous power for RI was 100mW and 150mW for IA.

I was standing at 1.105w, and knocked off 170mW in these two skeds.

Check my website for the updateed link near page bottom.

Next - mW DXCC!

72/3's and sometimes 71's! de Jim KJ5TF

=====
Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Wed, 27 Oct 1999 19:30:40 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <kory@avatar.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [54395] Re: Attenuator
Message-ID: <000a01bf20db\$aa6781a0\$b47154d8@the-great-c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"A Rugged, Compact Attenuator", QST May 1998. This one looks pretty neat--the case is machined out of aluminum. The guy offers a kit of sorts. There was also an update in a later issue. You could contact the author, N9SFX at devans@skynet.net

72,

Nick, WA5BDU

>
>Can anyone recommend a high quality attenuate kit (or even assembled)? I
>need something to attenuate signals from a signal generator and transceiver
>outputs.
>
>I know they're easy to build from scratch, I just don't have the time. I
>think I can cope with a kit right now.

Date: Wed, 27 Oct 1999 19:48:55 -0500
From: Brian Murrey <brian@iquest.net>
To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54396] Re: FOX time
Message-ID: <38179D77.325E1DAB@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well heck...the sked on the website says 0300Z

I wonder when it really is.

Tom Palmer wrote:

>
> No. It's 0030 to 0230. Typo?
>

> Tom, N1TP
>
> N10DL@aol.com wrote:
>
> > The fox will be on at 0300Z till 0230Z. Go Get Him....
> > Aron
> > N10DL

--

=====
KB9BVN -NORCAL #2792 FISTS #5695 QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.5w
Proud to be a member of the American Radio Relay League
Foxhunting Team UNDERDOG - Underdog #4
FISTS Century Club #764 - FISTS QRP Century Club #24
=====

Date: Wed, 27 Oct 1999 19:38:27 -0700
From: Bob Kellogg <ae4ic@nr.infi.net>
To: QRP-L <qrp-l@Lehigh.EDU>, klqrp <klqrp@vramp.net>
Subject: [54397] Milliwatt Triple Crown! -It's coming!
Message-ID: <3817B723.74CDED28@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Announcing the Milliwatt Triple Crown!

The Knightlites, Ft. Smith QRP Club, and the Iowa QRP Club are sponsoring the great Milliwatt Triple Crown. Earlier this fall the noble Knights announced their Holiday Milliwatt contest. At the same time the Ft. Smith QRP Club and the Iowa QRP Club were planning similar contests. It just seemed natural to get the three together in yet another contest! Here are some of the details.

Each individual contest is independent and run by the respective club. Each individual contest will have a winner and the results will be posted to QRP-L. The Milliwatt Triple Crown winner will be determined by combining scores from all three events (the same scoring methods will be used for each independent contest). The cumulative score should prove to be a lot of fun and establish serious bragging rights on just how low you can go.

Details are still being worked out but we can tell you that the first leg of the Milliwatt Triple Crown kicks off in December with the Knightlites Holiday Milliwatt Contest. The Ft. Smith event will be in the March/April timeframe and the Iowa QRP event will follow in the July/August timeframe.

Start honing your milliwatt skills now and be prepared to turn the power down!

72, Bob Kellogg, AE4IC, Knightlite QRP Association
Jay Bromley, W5JAY, Ft. Smith QRP Club
John Burnley, NU0V, Iowa QRP Club

Date: Wed, 27 Oct 1999 20:57:58 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: hamjoel@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54398] Re: 30wpm in QRP ARCI
Message-ID: <38179F96.51E1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hamjoel@juno.com wrote:

>
> Also in favor of higher speeds - if you are not challenged to copy
> > above
> > your comfortable speed, you will never gain skill.
>
> So what's the point? This is a hobby, something to tinker with... not a
> job..... or vocation.... or anything that amounts to anything.... heck cw
> is no longer in commercial use..... I'm comfortable at 20wpm

I met a VERY SERIOUS contester Monday night. We covered this subject. Both points of view are correct. Contest *winners* will QRS to work more stations. And, when the 36 wpm comfortable contester slows to 20 wpm he will find it more difficult to copy. One amazing thing to me is that it takes a few years to perfect the skill to work two radios on two bands (almost) simultaneously in the single operator category, and that this skill is required to be a winner in that category for most contests.

I am curious. Do we have any of these contester "athletes" working the QRP contests?

72/73,
Clay N4AOX

Date: Wed, 27 Oct 1999 20:08:44 -0500
From: "Bob Helms" <af5z@inetport.com>
To: "WCARC Reflector" <wcarc@chatham.org>
Cc: "QRP-L Reflector" <qrp-l@lehigh.edu>
Subject: [54399] QRP ARCI Fall QSO Party Results
Message-ID: <199910280112.UAA22044@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dave Hassell, AB5WX and I set up a portable station at the Williamson County Amateur Radio Club picnic site on Lake Georgetown. A center-fed 102' dipole was hung between trees about 20 feet up. Band conditions were good and lots of fun was had as fellow club members arrived during the operation. Murphy attended as the audio output of the rig was accidentally shorted when trying a newly built resonant speaker. A cloud of smoke poured from a couple of resistors in the receiver audio output circuit but when the speaker was properly connected the rig still worked fine!

QSOs made were 6 on 7 MHz, 56 on 14 MHz, 63 on 21 MHz, 17 on 28 MHz for a total of 142 contacts and 623 QSO points.
States/provinces/countries worked were 5 on 7 MHz, 30 on 14 MHz, 33 on 21 MHz, 12 on 28 MHz for a SPC multiplier total of 80 and 41 unique states/provinces.

Scoring: QSO pts	X	SPC	X	Power Mult	=	Total Score
623		80		7	=	348,880

Callsign Used - AF5Z

Operators - AB5WX and AF5Z

ARCI Number - 8607

Station Location	-	(Saturday local)	(Sunday local)
		Russell Park	330 Richard Rd
		Lake Georgetown	Georgetown, TX 78626

Station Description - Center-fed 102' Hy-Gain TH-7DX at 80'
Dipole at 20' 80 Mtr Full Wave Loop

Ten-Tec Argonaut 505 Ten-Tec Corsair II
4 watts RF output 4 watts RF output

Total Operating Time - about 6.5 hours

Thanks to Dave for helping with the operating and station setup. And many thanks to all the participants who helped me have FUN.

Bob Helms, AF5Z

Date: Wed, 27 Oct 1999 21:22:34 EDT
From: BParkes@aol.com
To: qrp-l@lehigh.edu
Subject: [54400] HTX-10
Message-ID: <0.b0e9d25e.2548ff5a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Howdy,

I have been bugging the local RS stores about this rig and no joy. Today one of my buddies (he should be, I buy enough stuff there to keep him in chow) looked up all the local stores and said none of them had gotten any of the rigs. BUT, the main warehouse had them in-stock and would ship them at no cost. Paid the man, he said to expect it Friday or at the latest Monday. Will see and keep you all posted. Seems like a fine motorcycle rig since I don't do MC CW.

73 Bruce KA2ZGW
San Antonio TX

Date: Wed, 27 Oct 1999 21:58:18 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: Paul Harden <na5n@rt66.com>
Cc: qrp-l@lehigh.edu
Subject: [54401] Zombie "Q" Signals
Message-ID: <4.1.19991027212238.019c59b0@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

To Paul Harden and the Grand Zombiedom:

As we continue to maintain our facade as meek and docile QRPers, it is now time to take the next step in our complete control of HAM Radio, another nail in the coffin, so to speak.

First there was our little innocent "72", a special complimentary close that has helped coalesce and identify the members. But the time has now come to grab the cat by the tail and declare our official Zombie "Q" signal(s).

Consider:

QZS I am Zombie shuffling.

QZS? Are you Zombie shuffling?

Usage? - It's pretty obvious but, after you CQ B00 and get a run going you can QZS to advise stations you are shuffling and waiting for a call.

and there's

QZE I am putting the Zombie evil-eye on you.

QZE? Are you putting the Zombie evil-eye on me?

Usage? - Next time you're QRM'd by a QRO, you can QZE him/her. They'll never know what hit 'em. Short term effect.

also

QZH I am putting the the Zombie hex on you.

QZH? Are you putting the Zombie hex on me?

Usage? - Same as QZE but is more subtle. Requires incantations by a Grand Zombie. Long term effect.

and

QZT I am going into a Zombie trance

QZT? Are you in a Zombie trance?

Usage - Two different meanings. Use QZT like you would QRT (sort of.) Use QZT? as if you were going to ask "are you spaced out or what"?)

I am now going QZT.

72 & QZE, (just kidding of course, never to a fellow Zombie)

Rick - W4SEA
Zombie #253

```
  _  
 \ / (\"/)  
  |_( 0 - )_  
    ( ^ ) |  
    (~~~) \/  
    >-| |->
```

Date: Thu, 28 Oct 1999 02:16:17 +0100
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [54402] POST FOXHUNT WAR STORIES
Message-ID: <3817A3E1.D5C96EF6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Per the new QRP-L rules, after-foxhunt chatter is to be on the ARCI QRP
Forum ("QRP-F").
Not too much activity there as of yet.

link to:

<http://www.e-discounter.net/qrp-parci/>

See you there.

72/73,

Tom, N1TP
Naples, FL.

Date: Wed, 27 Oct 1999 22:22:04 EDT
From: Macstein@aol.com
To: n1tp@worldnet.att.net, qrp-l@lehigh.edu
Subject: [54403] Re: POST FOXHUNT WAR STORIES
Message-ID: <0.7820822c.25490d4c@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/27/99 9:18:29 PM EST, n1tp@worldnet.att.net writes:

> See you there.

>

Thanks Tom.... as of right now..AOL is down for maintence...I HATE AOL!!!!
Later.. Did you get him.... certainly you did!!!! I was in and out
listening.

-MAC-
AF4PS

Date: Wed, 27 Oct 1999 22:23:49 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:Shephed@aol.com" <Shephed@aol.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [54404] FOX w/one watt tonight
Message-ID: <199910272225_MC2-8AC0-6164@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Dan and Gang:

Also #2 here Thanks, Ron :-). Setup was K2 at exactly 1.0 watt to an IAC
Double Bazooka at 50' fed with RG8 coax.

Conditions here were not quite as good as Monday, though Ron was a solid
579 for at least the first 75 minutes. Here's hoping everyone got a pelt
this time.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Wed, 27 Oct 1999 22:32:15 EDT

From: BenNW7DX@aol.com
To: qrp-1@lehigh.edu
Subject: [54405] FOX: Nice Job Ron!!
Message-ID: <0.6e57f766.25490faf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, my DSW-40 is now officially in the "Hound Club". It was initiated via KU7Y early in the hunt! Great job on everything Ron!

73,
Ben
NW7DX

Date: Wed, 27 Oct 1999 22:36:21 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [54406] Another Tuna Tin Lives.
Message-ID: <3817B6A5.DC62C81@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have my NJQRP version of the Tuna Tin 2 built. This kit is a very nice rendition of Doug W1FB's classic circuit. I'll smoke test it tomorrow night because I'm busy listening to the Jean Shepherd tribute on WOR tonight. I'm all set for the Zombie Shuffle and the Black Cat gathering.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 27 Oct 1999 22:46:55 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: "INTERNET:n1tp@worldnet.att.net" <n1tp@worldnet.att.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [54407] POST FOXHUNT WAR STORIES
Message-ID: <199910272249_MC2-8AC0-627D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Tom:

Thanks for drawing to *my* attention, at least. Gotta start reading e-mail faster. Too much coming in now, what with the N/T+ FOX hunt starting and getting into writing the QQ column. Hope Chuck will issue a one-time dispensation.

By the way, I check the new QRP-F and there is some activity by now.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Wed, 27 Oct 1999 22:56:12 -0400
From: Albert P Ruschel <aln4tme@juno.com>
To: qrp-l@Lehigh.EDU
Message-ID: <19991027.225612.3542.0.aln4tme@juno.com>

This is a test.

Al (N4TME)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 27 Oct 1999 22:08:11 -0500 (EST)
From: bob evinger <revinger@comwares.net>
To: qrp-l@lehigh.edu

Subject: [54409] ic-746 opinion
Message-ID: <Pine.LNX.4.10.9910272205030.1327-1000000@wd9eka_srv.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am trying to free up some shack space and get something newer than my TS-700A for 2 meters. I am contemplating the IC-746, since I can incorporate 2 radios into one, replacing my ts700a and ts690. Anybody have one and what is your opinion on it. I do almost exclusively cw and rtty in that order below 50 MHZ. How are the stock filters.

Please reply privately, I dont want to clutter up the list with anymore messages than necessary.

thanks
bob

Bob Evinger WD9EKA Marshall, Illinois
If Guns Cause Crime, Then Matches Cause Arson.

Date: Wed, 27 Oct 1999 23:18:04 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [54410] QRP-L and QPP-f
Message-ID: <3817C06C.F39BD42A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I can tell you right from Jump Street that QRP-F will NEVER replace QRP-L for me no matter how good it is if it doesn't offer a DIGEST format.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 27 Oct 1999 23:16:43 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [54411] OHR 500 Questions
Message-ID: <3817C01B.1150B5BC@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Am considering an OHR 500 for my next project. Any thoughts from those who have built this rig?

How is the receiver? QSK? Building experience? Stability?

Tnx,
Ed, AA3SJ

Date: Wed, 27 Oct 1999 22:20:36 -0500
From: jbhenson@zebra.net (James Bartley Henson III)
To: qrp-1@lehigh.edu
Subject: [54412] FOX & AR
Message-ID: <3817C104.3382@zebra.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to the group,

Tonight was a good night for Delta Whiskey. While I was waiting for the FOX, I tuned around +- 7.042 and heard a booming signal. It turned out to be NQ5RP and the AR QRP net. BOB was calling CQ for check in's. Since I needed AR, I checked in. Bob's signal was up and down a little but a solid 57 when it was my turn. A really nice group to listen to and chat with.

After the net closed at approx 0100, it was FOX time. Ron's signal was also quite strong into lower AL. Sadly, so was the SSB QRM. I never realized how difficult the TT 509 RIT is to operate. The easiest way for me to deal with it was to set it, leave it alone, and hope the FOX accidently heard me. Didn't exactly give me a warm fuzzy. At 0215, I finally turned it off. I found that my audio filter bandwidth allowed

me to tune off Ron's frequency a few hundred Hz and still hear him so I let fly with a call. Geez! He heard me on the first try at 0217. At the time, Ron's signal was 57. One fox tail on the car antenna. Thanks Ron for being there. Now if I had only remembered how to tell GMT last Monday night. I could have sworn that the hounds would be running Tuesday night. As my daughter says, "DUHHHHHHH".

Best wishes to all!

Jay
N4XDW

Date: Wed, 27 Oct 1999 20:32:16 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [54413] FOX
Message-ID: <Pine.GS0.4.10.9910272028110.791-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

You are all FANTASTIC!

Raw number of QSOs is 126. One dupe that I know of and one power level only station.

I'll get the typos cleaned up and post the log here on QRP-L.

Then all the comments will be on QRP-F.

Lets all get behind Chuck and give QRP-F a good try. I'm sure things will be tuned up as needed.

Thanks to each and every one of you tonight! VERY well behaved bunch of hounds!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 27 Oct 1999 22:45:01 -0500
From: "Chuck Adams K7Q0" <k7qo@primenet.com>
To: qrp-l@lehigh.edu
Subject: [54414] QRP-L Topic List
Message-ID: <199910280341.UAA25520@smtp05.primenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Gang,

Add the following to the list of topics. These added due to feedback from our listeners.

NETS: Discussion of nets in the various regions, such as AR and CA. Announcements of same and procedures.

OPERATING: Discussion of operating QRP and how to get more proficient at the lower powers.

PICS: Discussions of PIC processors for QRP related projects.

F/S: For Sale and Trade of QRP equipment ONLY. Is there still interest in a list of original pricing on stuff like I used to do with the TenTec used price list? Posting of for sale items will carry an asking price. No bidding wars like best offer out of the best N over \$M dollars. Take the bidding to Ebay and no cross posting about Ebay. Please.

I see the prophets of doom are out already..... :-)

dit dit

Chuck Adams K7Q0 K7Q0@hotmail.com <http://www.qsl.net/k7qo/>

Date: Wed, 27 Oct 1999 23:52:09 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [54415] Re: FOX

Message-ID: <3.0.32.19991027235204.0073e484@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:32 PM 10/27/99 -0700, you wrote:

>Hi All,
>
>You are all FANTASTIC!
all get behind Chuck and give QRP-F a good try. I'm
>sure things will be tuned up as needed.
>
>Thanks to each and every one of you tonight! VERY well
>behaved bunch of hounds!
>
>cul,
>
>73, Ron, SOWP 5545M,

Ron and gang,
Awesome job by Ron KU7Y controlling the beasties!!! TNX RON!!
73 Pete NV4V Kentucky

Date: Wed, 27 Oct 1999 23:59:20 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-l@Lehigh.EDU
Subject: [54416] RCVR: sherwood mods for drake
Message-ID:
<Pine.LNX.4.04.9910272355400.1545-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If there is anyone still reading the reflector that has used the drake
r4c with any of the sherwood mods. I would like to hear what your
experience has been. I am building the audio amp mod pcb and planning on
the low voltage mod. Any opinions on the mixer mods or agc mods?

If this is too much baggage for list please email direct.

73,

Jim n2go

Date: Thu, 28 Oct 1999 00:03:11 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-l@Lehigh.EDU
Subject: [54417] RCVR: AGC/IF subsystem ?
Message-ID:
<Pine.LNX.4.04.9910272359240.1545-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am looking over the May '96 QST article about a High-Performance AGC/IF Subsystem. (trying to get caught up :-)
Has anyone used this in their homebrew receiver or retrofitted it in any commercial gear? Inquiring minds want to know.
Who has the AD600?

73,

Jim n2go

Date: Wed, 27 Oct 1999 21:18:14 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: sigcom@juno.com
Cc: qrp-l@lehigh.edu
Subject: [54418] Re: 2N2/40 Boards
Message-ID: <199910280422.VAA24629@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:45 PM 10/27/99 -0700, you wrote:

>Bob,

>

>According to what I read on Dan's web site, the crystals -are- included
>in the kit.

>

>73.....Steve, WB6TNL

>

Thanks, Steve. I missed that, or he has added it since I last checked out the kit.

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Wed, 27 Oct 1999 23:55:48 -0500
From: "Chuck Adams K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [54419] MANHAT: Modular Layouts
Message-ID: <199910280452.VAA12407@smtp04.primenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Gang,

The question came up on the modular construction using Manhattan style then interconnecting the modules by placing the modules on another substrate. This should work as long as one carefully considers the interconnects and issues with RF.

Just another thought on the topic. One of the neat things about Manhattan construction is that it gets you to thinking in three dimensions. Consider the possibility of placing one module above another. Jim Kortge, K8IQY, did this for the PA section and others have done it for additions to a completed piece of equipment or rig. I have several projects to discuss in the Elmer series where I have done this using standoffs between the boards. (In the old days of tubes you had to think in three dimensions because you didn't use PC boards. You used standoffs to tie multiple components together for mechanical stability. The tube socket connections held a lot of components in place.)

If you have two modules on PC board that connect together, think ahead of the interconnections and then use double sided PC board to solder between the module boards as shielding and for feedthroughs and at the same time provide added mechanical strength. (I use the notation PC for printed circuit. Other authors I've seen use P/C and pc in lower case. In this day and age we all see PC used for personal computer.)

Some of us have invested in the Harbor Freight Shear/Brake/Roller combination for about \$199. I have found that the shear is very important to me as a great tool for working with PC board material. I usually cut the board to a slightly larger size than what I think I will need. I start circuit construction about 2-3cm from the board edges. If I need more room later on I can find it along the edge. If I wind up

not using the area I can easily cut it free using the shear. Works for me. You can think of other techniques that will work for you. There are no set rules doing this and others will share their experiences as more and more people experiment with this. Also the extra space around the circuits may be used for drilling holes for standoffs, etc. Also soldering PC board material to make the final enclosure. Use your own creativity here.

<http://www.harborfreight.com/> and look at item 35969-1VGA using their search engine for the shear/brake/roller that I and others have mentioned in posts over the past months. Watch for sales if you have a local store.

One additional hint and kink. Take a medium to fine sandpaper with sanding block and do all the edges before you start soldering. The copper substrate makes a sharp cutting edge and you don't want any nasties to get you. I am writing an article on some other stuff for a couple of newsletters that I'll bring up from time to time as I get a chance.

Also, since I went to a great deal of trouble to make the surface of the copper oxide free and bright and shiny, I use a cheap washcloth with the board on it and the cloth folded over to cover the area of the board not used, so that I can rest my hands while placing pads and soldering. No use messing up all that hard work. And if you steal one from the family linen closet don't blame me for suggesting that you use it..... You're on your own in this little matter. :-)

As for references that I have found so far. In "QRP Classics" from the ARRL starting on page 12. Quick and Easy Circuit Boards for the Beginner by Doug DeMaw, W1FB, he talks about using high value resistors as standoffs (MegOhm values for R). I prefer using pads as they are cheaper and take up less space. The Manhattan style comes from arrangements like in Figure 3 on page 13. We just use super glue and circular pads instead of the square ones shown. Some people like the scoring of the copper-clad PC board as illustrated in Figure 4 on page 14. I never personally cared for it.

For those that have yet to find a copy of QRP Classics, refer to the ARRL Handbook (1995 or later) pages 25.9 and following for similar discussions. What I want to do as a group for starters is to get some people to build the same circuit (say a crystal checker and an oscillator) using a) standoffs, b) Ugly construction, c) Perf board without backplane, d) perf board with backplane, e) solderless prototyping board (Fig 25.16), and f) Manhattan style. This to illustrate the differences in the techniques and their value to experimentation. Also the expense, time, and tool

requirements required for each. I'm open to suggestions in this area. I think it is worth the time and effort to do it for pedagogical reasons. I want a lot of people to be able to say --- "Been there. Done that." There have been some postings that one way is better than another without references. I want to check this out in detail. It's worth an article somewhere I'm sure.

Wes Hayward, W7ZOI, is credited with the idea of using glue gun material to hold down the pads. Very creative minds at work on some of this stuff and have been for years. We are talking 20 yrs ago gang. I'm afraid that I must admit to some lack of patience to employ the technique.

Doug DeMaw's article appeared in the September 1979 issue of QST, page 30. The search is on for earlier references from QST or other sources. Some of you remember things further back and feel free to refer to them at will.

Safety Note: Use tools safely and be sure to read all the manufacturers manuals and safety notes. These are not toys and should be treated as such.

FYI

Chuck Adams K7QO K7QO@hotmail.com <http://www.qsl.net/k7qo/>

Date: Thu, 28 Oct 1999 00:58:12 EDT
From: AD6EZ@aol.com
To: qrp-l@lehigh.edu
Cc: brittain@ceo.sbceo.k12.ca.us
Subject: [54420] Question Re: DL-QRP-PA
Message-ID: <0.e8648602.254931e4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Folks -

I would like to get some feedback from anyone that has built the "semi-kit" from DL2FI especially if they have installed in a Wilderness Serria.

How difficult was it to finish the surface mount kit?
Does the kit come complete with all components?
Are there instructions on how to install it in a Serria?

Can the output be adjusted down to 5 watts for each band?
How does it work in the Sierra?
General remarks and opinions will be very welcomed, too.

Thanks in advance and please respond directly. If anyone else would like the answers to some or all of these questions I will be happy to put together a composit of all the answers I receive and send it to you.

God Bless es 72 de Denny AD6EZ <><

Date: Thu, 28 Oct 1999 05:16:01 +0100
From: Monte Stark <ku7y@dri.edu>
To: "qrp-l, Low Power Amateur Radio" <qrp-l@lehigh.edu>
Subject: [54421] FOX Log KU7Y
Message-ID: <3817CE01.6BDEA276@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Here is my log. Email direct with any typos asap so I can get it turned into Mamma Fox! :-)

I'll post my comments on QRP-F later tonight.

FOX Log for KU7Y 28 Oct 99 0030z to 0230z

Band Qth	Date Pts	Time	QSO#	Call	worked	Sent	Rcvd	Name
----	----	----	----	-----	-----	----	----	----
40CW	28-Oct-99	00:30	1	NA6E	*	589	599	MARY 177
CA	1							
40CW	28-Oct-99	00:32	2	AB5UA	*	579	589	CLIF 478
OK	1							
40CW	28-Oct-99	00:33	3	W5TFB	*	599	559	JACK 282
TX	1							
40CW	28-Oct-99	00:33	4	K0EVZ		599	579	DOC 861
ND	1							
40CW	28-Oct-99	00:34	5	K1MG		579	599	MIKE 614
CA	1							
40CW	28-Oct-99	00:35	6	WE6W	*	599	599	ED 1068
CA	1							

40CW AZ	28-Oct-99 1	00:36	7	AB7MY	*	589	599	GARY	571
40CW TX	28-Oct-99 1	00:36	8	N5TW	*	589	559	TOM	1474
40CW KY	28-Oct-99 1	00:37	9	NV4V		579	559	PETE	1721
40CW TX	28-Oct-99 1	00:38	10	N1LN		589	589	BRUCE	2049
40CW CA	28-Oct-99 1	00:39	11	W6JXH		599	599	RON	156
40CW MI	28-Oct-99 1	00:39	12	K8CV	*	579	599	WALT	935
40CW TX	28-Oct-99 1	00:40	13	K5ZTY	*	589	599	BILL	473
40CW AZ	28-Oct-99 1	00:41	14	AK7Y		599	559	GERRY	1693
40CW TX	28-Oct-99 1	00:41	15	AF5Z	*	569	579	BOB	984
40CW OR	28-Oct-99 1	00:42	16	K7FD		569	599	JOHN	1633
40CW WA	28-Oct-99 1	00:42	17	NW7DX		599	599	BEN	189
40CW CA	28-Oct-99 1	00:43	18	W03B		599	559	BOB	195
40CW OK	28-Oct-99 1	00:44	19	K5AAR	*	579	559	DON	1512
40CW NM	28-Oct-99 1	00:45	20	K5OI	*	559	559	TIM	73
40CW TX	28-Oct-99 1	00:45	21	W5SB		599	599	BILL	1279
40CW MN	28-Oct-99 1	00:46	22	N0UR	*	599	599	JIM	799
40CW MN	28-Oct-99 1	00:47	23	K0PC		589	559	PAT	1964
40CW OK	28-Oct-99 NG	00:47	24	N5LU	*	589	599	BILL	5W
40CW OR	28-Oct-99 1	00:48	25	KB7WW		599	559	ART	290
40CW MO	28-Oct-99 1	00:49	26	N0DT		599	559	DAN	100
40CW OR	28-Oct-99 1	00:49	27	N7CQR	*	599	559	DAN	502
40CW CO	28-Oct-99 1	00:50	28	AB0G0	*	589	559	DAVE	785
40CW AZ	28-Oct-99 1	00:51	29	W5VBO	*	579	559	BRIAN	404

40CW AZ	28-Oct-99 1	00:51	30	K7QO	*	589	559	CHUCK	1
40CW TX	28-Oct-99 1	00:52	31	W5YR	*	599	559	GEORGE	1373
40CW CO	28-Oct-99 1	00:52	32	N0TU	*	599	599	STEVE	911
40CW TX	28-Oct-99 1	00:53	33	KA5T	*	589	599	LARRY	89
40CW TX	28-Oct-99 1	00:53	34	K10J	*	579	559	OJ	732
40CW TX	28-Oct-99 1	00:54	35	K5VUU		579	559	ED	1343
40CW GA	28-Oct-99 1	00:55	36	AE4Y		579	559	KENT	1844
40CW OH	28-Oct-99 1	00:56	37	N8VAR	*	579	559	RON	263
40CW AZ	28-Oct-99 1	00:57	38	AC7BN		599	599	BOB	1994
40CW CA	28-Oct-99 1	00:58	39	AC6UV		579	559	GODY	1881
40CW WI	28-Oct-99 1	00:58	40	AE9K	*	579	559	BRIAN	58
40CW MO	28-Oct-99 1	00:59	41	N0EA		599	559	WAYNE	1058
40CW MT	28-Oct-99 1	01:00	42	AB7CE	*	569	559	ROY	1494
40CW CA	28-Oct-99 1	01:00	43	AK1P	*	599	599	PAUL	284
40CW BC	28-Oct-99 1	01:01	44	VE7CQK	*	569	559	PAUL	20
40CW CA	28-Oct-99 1	01:02	45	K7GT		569	579	GRANT	1016
40CW MN	28-Oct-99 1	01:03	46	AA0ZZ	*	579	599	CRAIG	1238
40CW MI	28-Oct-99 1	01:03	47	W8KC	*	589	579	PAUL	59
40CW MI	28-Oct-99 1	01:04	48	W8RU	*	599	559	RON	188
40CW AZ	28-Oct-99 1	01:05	49	W7ILW		579	569	HOWARD	2010
40CW RI	28-Oct-99 1	01:06	50	K1JD		559	539	JOHN	1945
40CW KY	28-Oct-99 1	01:06	51	KG4BIG		599	599	KEN	1974
40CW	28-Oct-99	01:07	52	N4ROA	*	579	559	DAN	970

VA	1								
40CW	28-Oct-99	01:08	53	N0AR	*	599	559	SCOTT	1455
MN	1								
40CW	28-Oct-99	01:08	54	K7TQ	*	559	579	RANDY	102
ID	1								
40CW	28-Oct-99	01:09	55	N7RR	*	569	579	BRUCE	1688
WA	1								
40CW	28-Oct-99	01:10	56	N7GH		579	599	GIL	815
MT	1								
40CW	28-Oct-99	01:11	57	WJ7H	*	599	599	WAYNE	481
UT	1								
40CW	28-Oct-99	01:12	58	WD8KQY	*	579	559	GARY	446
OH	1								
40CW	28-Oct-99	01:12	59	NM5M		569	599	ERNIE	1824
NM	1								
40CW	28-Oct-99	01:13	60	K5LN	*	579	559	BILL	1794
TX	1								
40CW	28-Oct-99	01:14	61	W0CH	*	579	559	DAVE	618
MO	1								
40CW	28-Oct-99	01:15	62	W5HNS	*	599	559	HENRY	178
TX	1								
40CW	28-Oct-99	01:16	63	KD0CA		599	559	JERRY	544
IA	1								
40CW	28-Oct-99	01:17	64	KK5LD	*	599	559	DAN	3052
TX	1								
40CW	28-Oct-99	01:18	65	VE5RC	*	559	339	BRUCE	886
SK	1								
40CW	28-Oct-99	01:19	66	AE2T	*	559	579	AL	1664
NY	1								
40CW	28-Oct-99	01:20	67	N6XU	*	579	579	STAN	66
CA	1								
40CW	28-Oct-99	01:20	68	KC1FB		559	559	JIM	29
CT	1								
40CW	28-Oct-99	01:22	69	WD4MSM	*	599	559	BARRY	642
IN	1								
40CW	28-Oct-99	01:23	70	KI0II	*	599	559	RON	928
CO	1								
40CW	28-Oct-99	01:24	71	N0RC		599	559	ROD	1764
CO	1								
40CW	28-Oct-99	01:24	72	VE6EWM	*	559	559	EARL	1076
AB	1								
40CW	28-Oct-99	01:25	73	K0YWD		559	599	GEORGE	2003
MT	1								
40CW	28-Oct-99	01:26	74	AE5TA		589	559	LARRY	1245
TX	1								
40CW	28-Oct-99	01:27	75	K5JHP	*	599	559	BILL	825

TX	1								
40CW	28-Oct-99	01:28	76	W5FN	*	599	549	TIM	586
TX	1								
40CW	28-Oct-99	01:29	77	N8IE	*	569	559	DAN	1404
OH	1								
40CW	28-Oct-99	01:31	78	KF7ET		599	599	JIM	1862
OH	1								
40CW	28-Oct-99	01:32	79	NQ7K	*	599	599	MIKE	47
AZ	1								
40CW	28-Oct-99	01:33	80	KQ5U	*	599	599	TERRY	1603
TX	1								
40CW	28-Oct-99	01:35	81	W5JAY		599	559	JAY	1201
AR	1								
40CW	28-Oct-99	01:37	82	AF4PS		579	559	MAC	704
FL	1								
40CW	28-Oct-99	01:38	83	AA6R		589	559	GARY	406
CA	1								
40CW	28-Oct-99	01:38	84	W4UTI		579	339	KARL	1097
AL	1								
40CW	28-Oct-99	01:39	85	N6NU		599	599	ANDY	1516
CA	1								
40CW	28-Oct-99	01:40	86	N4SO	*	579	449	KEN	622
AL	1								
40CW	28-Oct-99	01:41	87	KE5TC	*	599	339	ROY	1057
OK	1								
40CW	28-Oct-99	01:42	88	NQ7X	*	599	559	FLOYD	343
AZ	1								
40CW	28-Oct-99	01:44	89	N1TP	*	579	339	TOM	1317
FL	1								
40CW	28-Oct-99	01:46	90	AB5WX	*	579	559	DAVE	1718
TX	1								
40CW	28-Oct-99	01:50	91	K1VP		579	559	ED	1960
NH	1								
40CW	28-Oct-99	01:51	92	AB8DF	*	589	559	ED	1444
MI	1								
40CW	28-Oct-99	01:52	93	W2XN	*	559	539	FRED	1728
FL	1								
40CW	28-Oct-99	01:54	94	NM8Y		569	559	TIM	2050
OH	1								
40CW	28-Oct-99	01:55	95	W9UQB		589	579	MIKE	413
AZ	1								
40CW	28-Oct-99	01:56	96	KF2PH	*	559	559	NICK	13
NY	1								
40CW	28-Oct-99	01:57	97	K5UP	*	599	599	GLEN	21
OK	1								
40CW	28-Oct-99	01:58	98	N9AW		579	599	JERRY	1271

40CW	28-Oct-99	02:24	121	K1VP		559	559	ED	1960
NH				DUPE					
40CW	28-Oct-99	02:25	122	KB9IUA	*	579	559	KEVIN	384
IL			1						
40CW	28-Oct-99	02:25	123	KU4AF	*	559	559	JOHN	987
NC			1						
40CW	28-Oct-99	02:26	124	VE3JC	*	579	559	JOHN	744
ON			1						
40CW	28-Oct-99	02:27	125	KS4L	*	559	569	RANDY	468
AL			1						
40CW	28-Oct-99	02:30	126	KJ5SP		559	539	MEL	1287
OK			1						

What a super bunch of hounds!

FYI....the exchange was being sent at over 34 wpm early in the hunt and that didn't scare anyone off! You are all great!

Comments on ARP-L

--

73, Ron, KU7Y GRAND ZOMBIE \$18

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
 QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
 AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Wed, 27 Oct 1999 15:28:25 -0700
 From: Bob Nielsen <nielsen@primenet.com>
 To: qrp-l@lehigh.edu
 Subject: [54422] Re: NORCAL QRP CLUB NET SUNDAY EVENING!
 Message-ID: <19991027152825.B5126@bob.localnet>
 Mime-Version: 1.0
 Content-Type: text/plain; charset=us-ascii

Ah, it's nice to live in one of the few areas which doesn't change its time (unless you watch cable TV, then all the non-local times change).

PST is UTC - 8 hours, so 6 pm is 0200.

Bob

On Wed, Oct 27, 1999 at 07:18:08AM -0500, Steve Yates, AA5TB wrote:

> Jeff,

>

```
> With all of the Daylight Savings time changes coming up this weekend in some
> regions, 6 P.M. PST is a little confusing to me here in Texas.  Is this the
> same as 0100 UTC?
```

```
>  
> 73,  
> Steve Yates - AA5TB  
> Fort Worth, TX - EM12gs  
> http://home.swbell.net/aa5tb  
>  
>
```

```
--
Bob Nielsen           Internet: nielsen@primenet.com
Tucson, AZ           AMPRnet:  w6swe@w6swe.ampr.org
DM42nh               http://www.primenet.com/~nielsen
```

Date: Thu, 28 Oct 1999 00:37:49 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-1@lehigh.edu
Subject: [54423] RE: KJ5TF mW-WAS
Message-ID: <199910280537.AAA17318@sunburst.usd.edu>

I forgot to mention -- I checked Jim's listing at his WEB site but don't recall that he showed the band for contacts.

For what it's worth, his SD QSO with me was on 80 meters! Now, milliwatts on 10 is no surprise, but 80m is quite a different story. All the more credit to him!

72, Ade

Date: Thu, 28 Oct 1999 05:56:09 GMT
From: "Bill Todd" <zapzap73@hotmail.com>
To: ku7y@dri.edu, grp-l@Lehigh.EDU
Subject: [54424] Re: FOX HUNT WED local hint....
Message-ID: <19991028055610.8579.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

```
>I was asked to post something to give an idea of what to send
>to attract a Fox as willy as me..... :-)
```

Hi Ron (and List)

This is the first year that I will have the honor of being a FOX, so let me add just one thing to Ron's comments about being good FOX hunters.

Ron mentioned not sending your call when he is transmitting. I agree with that.

There's One more thing to consider though:

There is a tendency by many FOX hunters to wait about 5 seconds before giving their call, so that all the BLAST from a gazillion FOX hunters dies down a little, so that (in theory) the FOX will hear YOUR call.

"In theory" that is a good idea sometimes, but I have noticed that people are getting carried away with their lag time before giving their call. I have heard many ops give their call 10 to 15 seconds after the FOX sends us his QRZ?

10 to 15 seconds AFTER his QRZ, the FOX has already heard his next station, and is already calling him.

Just a suggestion folks -

CUL, Bill-N7MFB

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 27 Oct 1999 22:50:17 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: qrp-l@lehigh.edu
Subject: [54425] HB: Bifilar and trifilar windings.
Message-ID: <Pine.LNX.3.96.991027224128.8330A-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Donny,

Two e-mails to you bounced, so I'm posting to the list in the hope that you will read this.

First of all, toroid is spelled with one "r".

Yes, the best (and easiest) way is to twist the wires together before winding on the toroidal core. This can be done by cutting two (or three for trifilar) wires to the same length, wrapping two (or 3) wire ends together with masking tape, and clamping that bundle in a vise. Then wrap the far ends together the same way, and clamp in the jaws of a

hand drill (or variable-speed electric drill). Then slowly rotate the drill to twist the wires, keeping reasonable tension on the stretched wires. Do this until you have 6 to 8 turns per inch, then stop. Remove or cut off the taped ends. Now you can wind the core. When done, just flare out the wires at each end to make connections. Of course, first you should be sure you have the correct length of wire! BTW, it helps to use different-colored wires so you get correct connections.

Good luck, es 72 de Dave, W6EMD, Redwood City, CA, USA

Date: Thu, 28 Oct 1999 01:07:17 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-l@lehigh.edu
Subject: [54426] Reflections - ARCI KU7Y
Message-ID: <199910280607.BAA24514@sunburst.usd.edu>

Hi gang:

Ron forgot to mention one item in his otherwise cool "Reflections".

I had several pile-ups during my operating stints -- perhaps because they heard me send "SD". In several instances, QRP'rs "hung around" for their chance at "SD". Eventually all would be worked in 2-mins or so. In other instances, everyone bugged out.

The point -- unless you know you are going to find another stn to call immediately by S&P'ing up the band, hang tight until the QRP'r who beat you finishes -- then if you don't nail the wanted stn by tailgating, head up the band.

Some form of QSK will help. If you hear other stns calling the target stn, you know that maybe you won't be first -- FOX-like. But waiting in line for a sure-bet QSO often is better than heading up the band.

There were some situations in which I worked 4-5 stns in 2 minutes -- after I finished, there'd be another caller etc.

72, Ade

Date: Wed, 27 Oct 1999 23:10:47 PDT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [54427] DSW Fox and Murphy
Message-ID: <19991028061048.68356.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hounds et al. --

Murphy's Machination Number 1: Weather

My fox adventure began shortly after noon. A friend dropped by for a good-bye before she takes off for her home in Dushanbe, Tajikistan (yeh, really!). I convinced her that since rain was threatening, it would be really zorch if she'd steady a ladder while I scampered up the roof to install one more 40-m dipole almost at right angles to my other one. We had just extended the ladder when the first raindrops started. I'm an old fuddy-duddy mountaineer whose philosophy is that it's always okay to retreat short of a summit if the atmosphere gets too grumpy. After all, that becomes just an excuse for one more outing. The mountain won't go away. Well, there's one little exception to that rule. Remember Mt. St. Helens in 1980? So, I had the choice of exactly one dipole for tonight's foxhunt.

Murphy's Machination Number 2: Weather again

By 1700 the rain was falling more horizontally than vertically. I was poised to start. It's nice to have a weather-proof shack. The lights dimmed twice, coinciding with loud bangs outside. It must have been a distribution transformer or something, but we lost power only momentarily. I quickly pulled the plug on the station power supply and computer and dug out my 10-AA cell rechargeable alkaline battery pack and plugged it into the Small Wonder Labs DSW-40 digital transceiver.

Murphy's Machination Number 3: Schedule mix-up

Margaret reminded me that Ron KU7Y had scheduled his start for 1730 Pacific time. The story of my life is that I'm always an hour late and a dollar short. Well, this time, I was almost a half-hour early and had a battery that would easily last the required 2 hours!

Murphy's Machination Number 4: Spoiling the hunt

The DSW has a volatile RIT. If you turn the RIT or the rig off, the RIT reverts to zero offset. The RIT is also unlimited, so I planned to take advantage of that latter feature. Having set my 2-time zone watch to UTC, synchronized with WWV on another radio, I parked on 7030 kHz until the watch read 0030Z. The DSW was set for coarse tuning and I became cruising up the band. I passed several stations and consumed a couple minutes of contest time before I reached about 7042 kHz, where outlier pile-up hounds were baying. I switched the DSW to fine tuning. In another half minute I had isolated Ron by his RON NV NR 17 exchange. I didn't hear his callsign.

Actually, I never heard him transmit his callsign, the only glitch in a masterful fox performance. I zeroed my transmit frequency on his exactly. Then I rotated the DSW shaft-encoder clockwise one full turn. That put my transmit frequency 1.5 kHz above Ron. Then I flipped the RIT on and rotated the shaft-encoder counter-clockwise one full turn. That landed my receiver back on Ron's frequency. I couldn't check my transmit frequency again and still keep in rhythm with Ron's rapid QSO rate, so I just bayed with the rest of the hounds. At 0108Z I heard Ron spit out N7RR 569 RON NV NR 17 N7RR. I sent him KU7Y N7RR 579 BRUCE WA 1688 in return. I was reminded of my Grandpa Roy's complaint: if you shoot your deer too early in the season, you'll spoil the hunt. Ron had spoiled the hunt after 38 minutes. Whew, 2 watts and a very wet dipole had done the job!

72, Bruce Prior in Blaine, WA -- one of the Mangy Mushers

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 28 Oct 1999 02:20:36 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <ddm@datatamers.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54428] RE: Bifilar and trifilar windings.
Message-ID: <NBBBJDEEIFDDANGEGHLBIE00HHAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave... NOT SO!!! I worked for an aerospace company in the 70s/80s that often used the little guys, and the question came up about "toroid" (my personal preference) vs "torroid". It was pretty thoroughly researched, and the answer was that EITHER spelling is correct.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

///snip

Behalf Of David D. Meacham

...

First of all, toroid is spelled with one "r".

///snip

Date: Thu, 28 Oct 1999 01:29:32 -0500
From: "Chuck Adams K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [54429] ELMER100: Toroid Experiment
Message-ID: <199910280626.XAA02184@smtp01.primenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Gang,

Some of you went out and got the NorCal Toroid Kit (tm) from Doug Hendricks, KI6DS. You got some T37-2, T37-6, FT37-43, FT37-61, and other toroids in the kit.

OK, some of you have an Almost All Digital Electronics L/C Meter IIB (tm).

So here is a suggestion for some experiments using the toroids, some magnetic wire (various sizes if you have it), and the IIB meter. This is for both beginners and experienced builders that may or may have not done this.

1. Research through your library for articles on toroids. The ARRL HB, Paul Harden's book, and other places. Go out on the web and search for terms like "MicroMetals", "toroid", etc. I'd type in the URL from the micrometals page but I'd mess it up royally. But one neat hit that I found was

<http://zeus.cedcc.psu.edu/ind/ferritetoroid.html>

and let's hope that I wrote it down correctly and typed it in. Someone will correct me if I did it incorrectly. :-)

2. Now take couple of each of the toroids (keep them separated and in envelopes that are marked and numbered so that you'll know which toroid produced which results) and do the following:
 - a) wind say 10 turns and measure the inductance
 - b) compare variances in L readings with turn spacing and placement and tension and wire sizes for the same toroid (keep drawings and values in a notebook for future reference)
 - c) compare variances between the toroids of the same size and material
 - d) what happens if you unwind the wire and rewind it back on the coil?

You might want to use the K5F0 test fixture written up in QQ and other

places to hold the resulting winding and toroid during measurements. I don't know if I still have the photo on the K7Q0 web page, but will check tomorrow.

3. Consider writing an article for QRPP or the newsletter from George Heron.
4. Keep your results handy. Is there a way to tell the difference between a FT37-43 and FT37-61 in case you drop the bag and get them all mixed up and have to separate them?
5. And if you were smart enough to also get the NorCal Capacitor Kit (tm) or if you have some small disc caps around then try several values in parallel with the toroid to see how the measurements are effected.
6. Try this experiment with some insulated wire (solid and/or stranded) and compare with the magnetic wire values.
7. Check the A(L) value (use a calculator and the formula in the books) against the published tables that you find.

Keep good notes. Reminds you of all those labs in high school and college or at work.....

Of course, this exercise is a suggestion. Use it to keep you occupied for an hour or so while you are waiting for some parts, etc. to come in the mail for whatever you are going to use these for. Use care so as not to destroy the cores that you experiment with. Destructive testing is not a part of this exercise. :-)

I'll come back after SS the first weekend of November and give you the information that I have on toroids and we'll compare notes. For those that have college physics and still have your book, look up in the E&M section to see if you can find the formula derivation.

Advanced Students with more lab equipment: Can you make up a series of experiments using a signal generator and scope to illustrate how a transformer works using a toroid. Can you test isolation between transformers? Can you design a toroid transformer to replace a 10mm IF can?

FYI

Chuck Adams K7Q0 K7Q0@hotmail.com <http://www.qsl.net/k7qo/>

Date: Thu, 28 Oct 1999 05:48:32 -0400
From: neil tanner <ntan@crosslink.net>
To: qrp list <qrp-l@lehigh.edu>

Subject: [54430] re: HELP
Message-ID: <38181BF0.61A96DCC@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the info, and have done as instructed. 72- Neil wa4chq

Date: Thu, 28 Oct 1999 06:28:29 -0400
From: "Dieter Gentzow WB8QYY" <wb8qyy@one.net>
To: <k7qo@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54431] Re: ELMER100: Toroid Experiment
Message-ID: <005601bf212f\$2e304c80\$0102030a@amd300>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck,

In the interest of the mathematically challenged, I started a web page with easy to read TOR(R)OID data. Ferites to be added soon, end then some. Just enough info to help the NORMAL builder get his/her job done!
<http://www.mpna.com/fpqrp/toroids.html>

The detailed stuff is here <http://www.bytemark.com/amidon/content0.htm>

73

Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio - NE suburb of Cincinnati
FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

-----Original Message-----

From: Chuck Adams K7QO <k7qo@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, October 28, 1999 2:27 AM
Subject: ELMER100: Toroid Experiment

Gang,

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FYI

Chuck Adams K7QO K7QO@hotmail.com <http://www.qsl.net/k7qo/>

Date: Thu, 28 Oct 1999 07:13:08 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [54432] Names
Message-ID: <4.2.0.58.19991028071144.00964410@mailhost.det.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You know, I was just looking over the names on this list, and I'll swear, it looks to me as though most of the people who were

here 1-2 years ago have moved on. Same fights though.

Am I wrong on this? The Alzheimers creeps on.

Date: Thu, 28 Oct 1999 07:44:16 -0700
From: "C. Lamar Derk" <n3at@no1n.com>
To: -Reflector <qrp-l@lehigh.edu>
Subject: [54433] Filter needed
Message-ID: <3818613F.7CE275E5@no1n.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can someone point me in the direction of adding a filter to QRP-L to eliminate some of the messages that hold no interest for me? Would appreciate this info. It would make my QRP-L participation a lot more fun. Thanks for the help!!

N3AT, Lamar

Date: Thu, 28 Oct 1999 08:05:42 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: Davewb4@aol.com, qrp-l@Lehigh.EDU
Subject: [54434] Re: MFJ-1798 Antenna
Message-ID: <19991028.080702.-29933.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>Does anyone have any experience with the MFJ-1798 vertical antenna ?

Yes, I own the MFJ-1796 (6 band) the 1798 is a ten bander.

It is basically a vertical dipole.

A vertical antenna makes a very good omni-directional DX radiator.

Space and size restrictions, excellent.

Construction / assembly, good to excellent.

Efficiency (subjective) 6 and 2, outstanding.

Efficiency (subjective) 20, 15 and 10 fair to good, 20 and down, fair to poor.

Tuning / adjustment, well, if you only have two tools in your tool box, one MUST be the MFJ 259 antenna analyzer or equivalent, but no matter what, follow the instructions.

Wind loading, my "crank over / crank up" tower is a 28 foot aluminum extension ladder, I use a three point guy, no problem.

Ice loading, unknown.

Satisfaction / bang for your buck . . . IMHO. . . fair to good. . .

John
N3AAZ
FM19xa

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 28 Oct 1999 12:11:46 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: bkassel@dancris.com, r_arland@hotmail.com
Cc: qrp-1@Lehigh.EDU
Subject: [54435] Re: ARCI Logging/Duping Program (Confessions of a DOS Biggot)
Message-ID: <19991028121146.1507.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Brian Kassel <bkassel@dancris.com>

>Rich:

> Glad that you brought this up! When the current version of the
>ScQRPion Dupe program reaches the point when we are happy with it, I
>will be porting the code over to a DOS version.

You are THE MAN!!!!!!

Thanks...if you need an East Coast beta tester lemme know.

73 Rich K7SZ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 28 Oct 1999 08:44:14 EDT
From: K1JD@aol.com
To: elecraft@qth.net, qrp-1@lehigh.edu
Subject: [54436] K2 - Worth the price? (again)
Message-ID: <0.216989fd.25499f1e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

...K1JD and I got down to 50mW on 20M... (@2323z, 10/27/99)
72/3's and sometimes 71's! de Jim KJ5TF

For anyone left on the planet who still questions the value of this kit after an endless thread of endorsements, I wish you could have been here to see the K2's S-meter LED segment jump to S2 and to listen when Jim was at 70mw. OK, so the LED didn't move that much when he went to 50mw plus it made my head hurt to listen that hard, but I still heard him :-)

Also, worked Ron KU7Y tonight in the fox hunt on 40m (0107z) in the presence of strong SSB QRM, QRN, and other obnoxious noises (not you barking hounds, I mean the "normal" 40m band noises). No problem - switched off the AGC, went to 100 Hz filter and was able to pull Ron out of the mess. Ran split-VFO mode and was able to quickly check for a clear xmit QRG using the REV button. Just like a "big rig", eh?

The K2 receiver is incredible. After 650+ QSO's and many A/B comparisons with an OMNI VI/full DSP under very weak signal conditions, LF contest/wall to wall S9+40dB signals, and everything in between, the K2 has never been humiliated.

The QSK is flawless. It's like hearing another signal on the band with no clicks and pops vice a typical sidetone.

This is an outstanding rig and a great value. You get prompt attention from Elecraft if you have a concern or problem. The owner support network via the Elecraft reflector is 600+ strong and growing. The inestimable satisfaction of building one (or two) for yourself is icing on the cake - some would say the best part. The whole experience is F U N.

Bottom line, the OMNI VI/full DSP/all filters/PS (about \$3k) is on the floor and two K2's are in the operating position. Worth the money? Absolutely.

73,
John K1JD
Jamestown, RI
K2 SN's #139 & #583
G5RV @ 40'

Date: Thu, 28 Oct 1999 09:22:02 -0400
From: "KC1DI" <elbc@pivot.net>
To: <Drbob92031@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54437] Re: Help with all band Hf ant.
Message-ID: <005d01bf2147\$6cc35b00\$0511a1d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You won't get out very well with the Swr on the coax. Loss figures per 100 ft of feed line for coax assume perfect matched situation.. just because you can transform the impedance with a tuner to make your transmitter happy. doesn't mean you've done a thing for the Swr on the Feed Line..

The Loss in Coax is tremendous as soon as the swr begins to climb say above 3 :1 .

In the system you Purpose the Swr is likely to be 30:1 or higher at some Frequencies. Loss at those frequencies will be very bad. Not that you still can't make some contacts but you'll not do well most of the time..

Also. there will be the possibility of the coax radiating Rf that would cause as much TVI, Rfi, Etc as any balanced line ever would.. Line radiation from Balanced Line is not due to a lack of a Shield, but to unbalance introduced by improper installation or other environmental factors.

With balance line, (Ladder line, open wire, what ever you call it today) the loss due to High Swr on the line is almost eliminated for all practical purposes. (I know some will dispute that claim but , by experience I've found that to be true)

If you feel you must fed your antenna with coax , you should strive to use an antenna system that keeps the Swr on the line to less than 3:1. Some examples of systems that do that are, 40 m dipole , use on 15m, parallel dipoles one for each band in question tied to the same coax.. (can be a bear to tune due to interactions) trapped dipoles, (or verticals of some sort.) all have there advantages and disadvantages.

The Choice is yours, but don't rule out the Balanced lines.. It's still the best all round multiband antenna that is simple and cost effective to build.

Hope that helps a little ,
73 &72 Dave KC1DI

----- Original Message -----
From: <Drbob92031@aol.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 27, 1999 8:09 PM
Subject: Help with all band Hf ant.

> To all;
> I intend to put up an 80 M dipole, coax fed. I would like to work
> 80;40;20;15;10 M. using a tuner. I read in texts to feed with tuned lines
to
> preserve balance.
> Question; I dont care about balance and open wire line may yield RFI A NO
NO
> here. I just want to get out(live in condo NO ANTENNAS allowed) so I have
a
> long wire on the roof which came down in the hurricane so will the 80 M
> dipole work with coax and a tuner.???? To get into it a bit more. I am on
the
> 5th floor of a 6th floor building. Coax is hidden in a conduit and runs
about
> 25 ft. to the long wire which gets out but highly directional until it
came
> down in Floyd.(hurricane)
> Any and all help appreciated.
> 72/73 de WA2EAW...Bob
>

Date: Thu, 28 Oct 1999 08:42:03 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-1@lehigh.edu
Subject: [54438] "Whatsit" Identified ! It's a Regen Receiver !!
Message-ID: <381852AB.2F8BBFCF@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Boy hams are a great bunch. I had posted my "whatsit" on this
list as well as the qth.net homebrew, boatanchor and heathkit lists and
did I ever get the replies ! As I had suspected many figured it was a
receiver of some sort but I sure got some interesting other opinions
<grin> too. Two OM actually said they remembered seeing a rig like this
in an old GE Hobby Manual and I was surprised at how many actually
suggested it was a regen..... God, I really feel young now <grin>.

But the definitive answer came from a ham on the homebrew list.... from
of all places Spain ! In fact he not only identified it but he has the

complete article from the 1965 GE Hobby Manual on his web page ! It's a "One Compactron Regenerative Receiver" that uses 4 plug-in coils and covers 250kc to 16mc.... quite a spread ! The site even has the plans for it's separate power supply ! Fine Business Indeed !! I'm told that it is a VERY hot receiver and really works great ! The few hams who knew exactly what it was told me I found a "treasure". Now..... to find 3 more coil forms (I only have the 1.75 - 6.1 mc) wind the other coils and build that power supply ! Who knows.... with all the talk here about regen's maybe one of you will build one too..... isn't the 'Net great !

Here is the site and info courtesy of Jose V. Gavila, EB5AGV !!!!

Hi Homebrewers!

Just some days ago I updated my WEB page to show the information (full scanned article) about the 6AF11 based regen published in the "GE Hobby Manual" (1965). Please, take a look at:

<http://www.geocities.com/SiliconValley/6992/compac.htm>

Regards,

JOSE

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal,
NJ-QRP #214, Cheeseheads QRP Club
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Thu, 28 Oct 1999 10:04:55 EDT
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [54439] AR QRP 40m Net Results
Message-ID: <0.65a262bd.2549b207@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

The AR-QRP Net had 7 QNIs last night. The band conditions were fair, and the band changed dramatically mid - net. Just before the net began I had QSO'd with Les K4NK. During that QSO there was a quiet background hiss and fair to good propagation (He was 449 to me). Shortly after the net began, background noise increased sharply and stations from all over became audible, almost as though someone had thrown a switch. This made it a challenge to figure out who was trying to QNI, so if I missed you, sorry! Did anyone else notice this interesting and abrupt change in background noise at about 0045? It occurred to me that my antenna might have acquired a charge with use, or something bizarre and esoteric such as that.

The net started at 0030Z and ended at 0103Z. The net is a fun place to just listen and brush up on CW, even if one does not choose to QNI! Thanks to those who participated! Here are the stations that checked in:

N5IB	Jim
W2XN	Fred
K4NK	Les
AF4PS	Mac
VE3SP	Ron
N4XDW	Jay
NV4T	Bill (Congrats on the new grandson, Bill!)

The NCS was Bob AB5ZD, using the AR QRP Club call NQ5RP, a Kenwood 450 running 5 watts to a G5RV up about 25 feet in pecan trees from QTH Alexandria LA. Orientation of the ant wire is NNW to SSE. Following is a list of Arkansas QRP Club nets:

Monday Night	0030Z	3.560 MHz
Wednesday Night	0030Z	7.042 MHz

Non-members are welcome (and encouraged) to QNI!

72,

Bob AB5ZD

Date: Thu, 28 Oct 1999 08:16:45 -0600
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [54440] RCVR:Doerle Twinplex
Message-ID: <JFLBICOJAIHICAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

I've decided that I am going to build the one-tube Doerle Twinplex (regen receiver). I've already gathered most of the parts (including the Type 19 dual-triode) and am contemplating how I'm going to build the chassis. I'd like the following input:

(1) Do I risk performance if I build an all-wood chassis with point-to-point wiring? If so, how?

(2) What would you suggest for a chassis that's easy to put together?

(3) Have you had experience with this rig and if so good or bad?

73,

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Thu, 28 Oct 1999 08:15:07 -0600
From: jaywa5whn@juno.com
To: qrp-1@lehigh.edu
Subject: [54441] Shuffle/HW-8
Message-ID: <19991028.081508.-182751.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Don't forget, the official candy for the Zombie Shuffle is "Dots", manufactured by Mason, the same people who had brought you the "Tootsie Roll" Candy. ;-)

Also, out of courtesy to some of the airborne crowd on all Hallow's Eve,

please lower your antennas, so the aeronauts & hallows will have an
object free flight path. ;-)

Before I redrill a new face plate for the HW-8, did anyone locate a
source for the main tuning capacitors? I have located another sick HW-8.

My only comments about the complaint on the pricing of the K2 is that if
you can build a better "mouse trap", become a competitor. Spend some time
trying to raise a few million dollars so that you can start an enterprise
such as what Eric & Wayne have built.

I have no financial interest in Elecraft or Tootsie Roll.

I am looking forward to this Halloween QRP
Party on the air this Friday {local time}...

72...Jay, WA5WHN DM65qd

White Oaks, NM USA

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 28 Oct 1999 11:12:16 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: Dan Copeland <kf0ov@alltel.net>
Cc: qrp-l@lehigh.edu
Subject: [54442] Re: Price of a K2 - New or Used
Message-ID: <v0310280bb43e1734195f@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dan Copeland N0DT writes;

>I will sell my K2 for what I consider a reasonable amount. It is wired and
>tested, not a scratch on it. It has the battery and is one of the best rigs
>I have ever owned. I will sell it for.....\$999.00 shipped conus.

I hate to mention the "e" word, but put it on eBay and let's see what the feeding frenzy up there thinks it's worth. I'll bet a new K2 that it brings more than \$999.00 by the time the auction is over. I've already turned down nearly that much for mine from a local non-builder ham. Mine's not for sale at any price.

72,

Rick kf4ar K2 # 211

Date: Thu, 28 Oct 1999 10:15:36 -0500
From: "Chuck Adams K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [54443] RE: Bifilar and trifilar windings.
Message-ID: <199910281512.IAA17459@smtp04.primenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Search of Webster's Ninth New Collegiate Dictionary shows only toroid as the spelling..... :-) Search of online World Book Encyclopedia turned up nothing.

Chuck Adams K7Q0 K7Q0@hotmail.com <http://www.qsl.net/k7qo/>

Date: Thu, 28 Oct 1999 10:17:25 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: k7qo@primenet.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54444] RE: Bifilar and trifilar windings.
Message-ID: <2D343922E283D211945C0008C7A41B2ACEB142@ADNTEX01>
MIME-Version: 1.0
Content-Type: text/plain

Toroid, as named by the inventors, is the only correct spelling. The double "r" (torroid) is a regional variation, but it is not sanctioned in the electronics industry.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Chuck Adams K7QO [SMTP:k7qo@primenet.com]
Sent: Thursday, October 28, 1999 10:16 AM
To: Low Power Amateur Radio Discussion
Subject: RE: Bifilar and trifilar windings.

Search of Webster's Ninth New Collegiate Dictionary shows only
toroid as the spelling..... :-) Search of online World Book
Encyclopedia turned up nothing.

Chuck Adams K7QO K7QO@hotmail.com <http://www.qsl.net/k7qo/>

Date: Thu, 28 Oct 1999 11:26:07 -0400
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [54445] Re: Bifilar and trifilar windings.
Message-ID: <003b01bf2158\$c23f7300\$6401020a@lsiindustries.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Will wind TOROIDS for FOOD!

Has anybody ever seen a Toroid winding machine?

73 - Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio (NE Cincinnati suburb)
FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
<mailto:wb8qyy@one.net>
<http://w3.one.net/~gentzow/wb8qyy.htm>

----- Original Message -----

From: Karl Kanalz <KKKanalz@excel.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, October 28, 1999 11:17 AM
Subject: RE: Bifilar and trifilar windings.

> Toroid, as named by the inventors, is the only correct spelling. The
double
> "r" (torroid) is
> a regional variation, but it is not sanctioned in the electronics
industry.
>
> Karl K - W8TIF
> McKinney, Texas

Date: Thu, 28 Oct 1999 10:25:35 -0500 (CDT)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Cc: w6toy@erols.com
Subject: [54446] Must ham radio be expensive?
Message-ID: <199910281525.KAA23011@okcforum.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Muscolino <w6toy@erols.com> wrote:

> Unfortunately some of the problem has been brought on QRP by itself. We
> have encouraged inexpensive kits to build the hobby, and now that people
> are taking it seriously and starting to bring out real radios, the rest
> of the hobby needs to grow up!

I've been considering the purchase of a transceiver in the near
future, so I've been looking around, paying attention, and
considering the relative value of various choices. My exploration
has led me to agree with the consensus that the K2 is priced about
right for what you get.

However, I find myself in disagreement with the philosophy that
Bruce is promoting here. It's not just a QRP thing, either--I
have observed during my 23 years as a ham that many hams hold
similar views. One of the important motives for my interest in
QRP has been the fact that many QRP'ers seem to realize that it's
not necessary to spend a great deal of money to have fun with
ham radio. It seems to go right along with the realization that
output power doesn't have to be 100 watts or higher.

I'd be the first to agree that QRP, (and amateur radio in general)
does need high end, high quality gear available. However, there's
also a place for simple, inexpensive gear. There will always be

people who, for one reason or another, cannot justify the expense of, or simply cannot afford, a brand new, high end transceiver. There is no good reason why people like that should be made to feel that they must either "grow up" enough to buy a "real" radio, or forget about participating at all.

It seems obvious to me that we can't all have above average incomes. Some perfectly mature, responsible people will have financial situations which will preclude their investing the better part of \$1000 or more in outfitting an amateur radio station. Many others conceivably could, but will choose for perfectly valid reasons to spend their family's money other ways. I for one am not interested in helping to shoot amateur radio in its collective foot by making things difficult for people in those situations.

I'd like to draw a hypothetical picture to help illustrate my point. Let's assume there were a couple somewhere both with modest incomes, and two or three kids. Let's suppose they decided that they'd like to educate their children at home. For this purpose, they decide to make do on one of their modest incomes, while the other stays home to teach the children. Yes, they could choose to combine their two modest incomes and be in a position to buy expensive toys, but let's suppose they choose to make their children their top priority. Let's also assume that one of them has an interest in amateur radio. If one or more of their kids had an interest, too, wouldn't amateur radio be a fine element of the foundation of their education? The possibilities for math, science, geography and social studies seem obvious. Now, why should a family like that be made to feel as if they have somehow failed to "grow up" if they decide to find a way to put aside a few hundred dollars to assemble a modest, but useful, amateur radio station?

I must admit that it's not all hypothetical, for me. It gets a bit personal, too. So far, I've never been in a position where I felt I could spend the better part of \$1000 to buy a really good transceiver, and the accessories that would be needed to round it out. I have been in a position at times where I could feasibly have spent that kind of money, but not without my family having to make sacrifices which I would not ask of them. Meanwhile, I have heard, from time to time, various hams express an opinion that there's something fundamentally wrong with anyone who can't afford to spend \$1,000 on a hobby of interest to only one family member.

One of the reasons I've come to enjoy QRP so much is that I have found out that it's not necessary to have a kilo-buck, kilowatt station in order to have a blast with amateur radio. I believe that amateur radio would (and in fact, does) benefit greatly from attracting a wide variety of people who would love to enjoy the

fun of HF, but who would rather not spend the better part of \$1000 or more for the privilege. To be sure, there's a place in amateur radio for stations built by people and groups for whom money is no issue. Certainly, there's a place in QRP for stations that cost \$1000 or more for everything from the operating position out to the top of the tower, that don't happen to be capable of running more than 5 or 10 watts. But there is also a place for the type of people who'd like to spend no more than a few hundred dollars for a reasonably good multi-band transceiver and a good wire antenna or two.

At least there'd better be--or else I'm in the wrong hobby.

Output power doesn't have to be 100 watts or more, and the gear doesn't have to cost the better part of \$1000 or more. Sure, high power, high dollar amateur radio stations can be a blast, but you can also have a blast spending a lot less money, and/or radiating a lot less power. I hope a majority of QRP'ers will always agree on both of these ideals.

--Jim WB5UDE

Date: Thu, 28 Oct 1999 08:37:27 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'wb8qyy@one.net'" <wb8qyy@one.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54447] RE: Bifilar and trifilar windings.
Message-ID: <BFEFC3386986D2119C0800A0C99B5DE6E96903@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Yes, I used to work at a company 30 + years ago (Phoenix Telephones UK) that made transformers and Toroids to order and they wound the toroids exclusively on machines, simply put a shuttle is passed through the core hole very fast.....neat machines.

Dave VE7PCC Vancouver BC Canada

-----Original Message-----

From: Dieter Gentzow - WB8QYY [mailto:wb8qyy@one.net]
Sent: Thursday, 28 October, 1999 8:26 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Bifilar and trifilar windings.

Will wind TOROIDS for FOOD!

Has anybody ever seen a Toroid winding machine?

73 - Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio (NE Cincinnati suburb)
FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
mailto:wb8qyy@one.net
<http://w3.one.net/~gentzow/wb8qyy.htm>

----- Original Message -----

From: Karl Kanalz <KKanalz@excel.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, October 28, 1999 11:17 AM
Subject: RE: Bifilar and trifilar windings.

> Toroid, as named by the inventors, is the only correct spelling. The
double
> "r" (torroid) is
> a regional variation, but it is not sanctioned in the electronics
industry.
>
> Karl K - W8TIF
> McKinney, Texas

Date: Thu, 28 Oct 1999 10:48:57 -0500 (EST)
From: igeq100@iupui.edu
To: Ed Kessler <edkess@epix.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54448] KITS: Re: OHR 500 Questions
Message-ID: <Pine.HPP.3.96.991028103331.29213A-100000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Ed -

I built an OHR 500 this past summer and I am very happy with it.
I find the receiver to be adequately selective and stable, with minimal
warmup time required. At its full excursion the printed dial calibration
is a bit off, but I have the Digital Dial unit that takes care of that.
The AGC circuit is one of the most unobtrusive and effective that I have
used - it is not "pulled" by strong adjacent signals that are close by,
but not close enough to hear. The AGC definitely protects your ears as
you tune across the band!

The assembly is straight-forward. While there are a lot of toroids to wind, none of them are very complex - almost all are a single winding. There are three circuit boards connected together with point-to-point wiring, and the panel connections are point-to-point. Care has been taken, however to insure that none of these wires carries information that makes it "position sensitive" and you can dress the leads for neatness without affecting operation. Tuning is with an air-variable capacitor, and the tuning range covers the first 150 KHz of each band.

It appears necessary that you have a well-regulated power supply - if the supply voltage drops too low on transmit, it will affect the quality of the audio side-tone (but not the transmitted signal).

The OHR 500 has become my main rig, and I have no reservations recommending it as a fine project to build and operate. The manual is complete and accurate, the alignment is not very tricky, and its performance is fully adequate in my view. If you do decide to build one, perhaps I can be of help if a problem should arise.

73,

Richard Meiss, WB9LPU
Speedway, IN USA

On Wed, 27 Oct 1999, Ed Kessler wrote:

> Am considering an OHR 500 for my next project. Any thoughts from those
> who have built this rig?
>
> How is the receiver? QSK? Building experience? Stability?
>
> Tnx,
> Ed, AA3SJ
>

Date: Thu, 28 Oct 1999 10:15:43 -0600
From: Dave Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [54449] KITS: Sierra mods info needed
Message-ID: <3.0.6.32.19991028101543.007a5710@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Will very soon be purchasing a Sierra kit w/KC2. Can anyone point me to

descriptions of useful mods for this rig? I've seen some stuff regarding increasing output power, etc. and wonder if anyone's collected this stuff in one place. I'd like to tackle them *while* building, not after it's finished.

73 es tn timer Dave AB0GO

Date: Thu, 28 Oct 1999 09:27:42 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [54450] Zombie Shuffle Pins from NorCal
Message-ID: <01bf2161\$5c523920\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, don't forget that you can earn a beautiful Zombie Shuffle pin from NorCal by operating in the 1999 Zombie Shuffle Friday night. NorCal is paying for the pins, all that you have to do is pay for the shipping and handling. To earn a Zombie Pin, which is a reproduction of the zombie badge with "Zombie Shuffle 1999" on the bottom, all that you have to do is operate in the zombie shuffle and do one of the following:

1. Make 13 qsos in the zombie shuffle with any rig.
2. Make 5 qsos with a Tuna Tin 2. (Note you can work the W1AW Tuna Tin event any time during the weekend and count the qso)
3. Make 5 qsos using a Tuna Tin 2 as a transmitter.
4. Make 5 qsos if you are a Novice/Tech/TechPlus (unlicensed Jr. Operator using another ham's station as a control operator)

After the contest, which runs for a 4 hour period from sundown to midnight local time, send your log plus \$2 for the Zombie Pin to:

Jan Medley
Zombie Pin Logs
P.O. Box 757
Socorro, NM 87801

Note that you do not have to have a zombie number to participate, you may use your telephone area code as an exchange number. Note also that the purpose of this contest is to have fun and get on the air and operate. There is NO charge to be in the contest, NorCal is paying for the pins, but you don't have to get a pin, it is just an incentive to get in the contest.

Pins have to be earned, none will be sold or available any other way. The zombie pins are similar to the ARRL Sweepstakes pins and are 1.25" x .75" in size. You have until Nov. 15th to get your request to Jan. That is the cutoff date for the orders. In case other's are interested, the die cost is \$75 plus \$2 per pin in quantities of at least 100. Hope to work you Friday night. See the NorCal Web Page for full rules. 72, Doug

Date: Thu, 28 Oct 1999 12:20:46 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Jim Glover <psykey@okcforum.org>
Cc: qrp-1@lehigh.edu
Subject: [54451] Re: Must ham radio be expensive?
Message-ID: <381877CB.7BB8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,

I think you have misunderstood my poeting. What I ssid is QRP has encouraged the manufacturer of simple 'club' kits and promoted them as real radios. QRP has also encouraged several vendors to bring out radios that are inexpensive until you add in all the options. This marketing technique has definitely contributed to the growth of QRP as a subset of ham radio. Is it good? Yes, in some ways. Is it bad? Yes, again in some ways.

I said nothing about families with children, or economics beyond the fact that complex electronics is expensive. The QRP hobby needs to 'grow up' and understand that! There is no free ride here.

If you want to use simple equipment and it satisfies you, go ahead. If you want more complex equipment you should expect to pay for it! The K2 is an amazing bargain. Buy it now, while you can!

73

Date: Thu, 28 Oct 1999 10:25:10 -0600
From: Steve Kubisch <WW7Y@sisna.com>
To: qrp-1@lehigh.edu
Subject: [54452] Re: Price of a K2 - New or Used
Message-ID: <381878E5.28E11BAF@sisna.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>I hate to mention the "e" word, but put it on eBay and let's see what
the
>feeding frenzy up there thinks it's worth. I'll bet a new K2 that it
brings
>more that \$999.00 by the time the auction is over. I've already turned
down
>nearly that much for mine from a local non-builder ham. Mine's not for

>sale at any price.

What a deal!!! Half the fun of the K2 is building it. I buy one for
\$549, I build it, I put it on Ebay for \$1100, I sell it and buy
another for \$549, I build it, Now I got a K2 for free and got to build 2
K2s for free.... Now if I sell this one....hmmm.

--
Steve Kubisch -WW7Y-
640 East 250 North
Centerville, Utah 84014
WW7Y@sisna.com
QRP-ARCI #8559 NorCal #258 QRP-L #94

Date: Thu, 28 Oct 1999 10:25:21 -0600
From: Niel Skousen <nskousen@scientechnology.com>
To: qrp-l@lehigh.edu
Subject: [54453] MANHATT: stripline &
Message-ID: <4.2.0.58.19991028102114.00962ac0@eaglerock.if.scientechnology.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Don't forget that in addition to pads, you can make some nice stripline
runs to connect circuit blocks, as well as to do pwr
distribution down the side of a board. I've used .1 wide strips to make
nice runs, and nice smt (1206 & 805 parts) filters up thru 200Mhz
'Manhattan' style with very good success.

Niel

Date: Thu, 28 Oct 1999 11:38:40 -0500 (CDT)
From: Jim Glover <psykey@okcforum.org>
To: w6toy@erols.com
Cc: qrp-l@lehigh.edu
Subject: [54454] Re: Must ham radio be expensive?
Message-ID: <199910281638.LAA23834@okcforum.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Bruce...

> I think you have misunderstood my poeting. What I ssid is QRP has
> encouraged the manufacturer of simple 'club' kits and promoted them as
> real radios. QRP has also encouraged several vendors to bring out
> radios that are inexpensive until you add in all the options. This
> marketing technique has definitely contributed to the growth of QRP as a
> subset of ham radio. Is it good? Yes, in some ways. Is it bad? Yes,
> again in some ways.

Perhaps I did misunderstand you. I thought I heard you saying that there is something wrong with clubs devoting volunteer resources to producing radios which, through a combination of simple design and volunteer R/D, turn out to be amazing values. While I recognize that a downside to this may be that some people fail to realize what an amazing value some of these kits turn out to be, I think that is a very small price to pay for helping to make ham radio in general, and QRP specifically, more accessible to those with tight hobby budgets. I think we all benefit tremendously when we help open the doors of this wonderful hobby that way. It is with great relief that I hear that I may have been mistaken when I thought I heard you suggesting otherwise.

Sometimes it is very good to be wrong! :)

--Jim WB5UDE

Date: Thu, 28 Oct 1999 11:56:48 -0500
From: Brian <brian@iquest.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [54455] WAS is within my grasp!
Message-ID: <38188050.60AA14B6@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow...I worked K7MFG in Utah and W5IL in New Mexico last night after my unsuccessful foxhunt. That means, I only need.....Montana and Alaska for QRP/WAS/40m...I'll have 42 states on the Norcal 40a, and 8 on the Ten Tec Scout at a measured 3.8 watts...yes I know, it isn't mWatt WAS but hey, I'm still a rookie.

My RI contact is a 5 watt SSB contact, I'd really like to turn in a RI CW contact...John, when are you usually on the air? Care to sked?

Roy, I'll be looking for you from MT, and Jim I'll keep trying to find you. You said you worked a Iowa net on 71xx ..whats the freq and time, maybe I can catch you there.

Thanks for all the help and ALL THE FUN!

72 de KB9BVN

Way to go Underdogs!

--

=====

KB9BVN :NORCAL #2792 FISTS #5695/CC# 764 QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - TenTec Scout - Attic Dipole - 5w
Proud member of the American Radio Relay League
Foxhunting Team UNDERDOG - Underdog #4

=====

Date: Thu, 28 Oct 1999 10:15:56 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Cc: chuck.olson@sbaonline.gov
Subject: [54456] CRYSTAL CALIBRATOR
Message-ID: <19991028171557.74881.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

chuck.olson@sbaonline.gov writes:

>I've put an Adobe Acrobat file up on my new projects page:

><http://jacksonharbor.home.att.net/projects.htm>

>which shows a simple 1 IC circuit to convert the VE3DNL or other marker

>generators to a pulse output. I've also got a bunch of RX-320 screen
 >shots on how this changes the output spectrum on 10 meters. The title
 >is "Examining and modifying marker generator output".

Thanks for the info.

AL>I am thinking that the problem which I observed is related to the
 AL>low frequency of my marker's fundamental frequency (10 kHz). I don't

>I see a definite decrease in observed marker amplitude as I step through
 >the markers from 100 KHz to 5 KHz - I think it's just a question of
 >having 10 or 20 times as many markers to spread the same energy over.

This may be a little simplistic but if one models the output of these
 marker generators (whether square wave, less than 50% duty cycle or
 pulse) as a periodic train of pulses of width C and period L, then
 according to my references, the function can be described as the
 Fourier series:

$$f(x) = C/L + (2/\pi) \sum_{n=1}^{\infty} \frac{(-1)^n \sin((n \pi C)/L) \cos((2n \pi x)/L)}{n}$$

[I hope that you can make sense of that]

The important thing to note is the sin term which is a constant
 factor for each value of n (the harmonic number). Now, when
 C = L/2 (50% duty cycle), the sin term becomes:

$$\sin((n \pi)/2)$$

which means that this factor will be equal to zero for
 all even values of n (even harmonics) and equal to one
 for all odd values of n (odd harmonics). This agrees with
 the observation for square waves.

Now, if you make C, say, 10% of L then the sin term
 should rise and fall and rise and fall as you step through
 n:

n	$\sin((n \pi)/10)$

1	0.309
2	0.588

3	0.809
4	0.951
5	1.000
6	0.951
7	0.809
8	0.588
9	0.309
10	0.000
11	-0.309

etc.

Theoretically, there should still be some values of n for which the term will be zero.

If we make the pulse very narrow, then this cyclical rise and fall in the magnitude of this term becomes stretched out over many values of n and the magnitudes of adjacent marks should become more uniform.

The other term which is important in this equation is that preceding the sin term. It shows that the contributions of higher order harmonics falls off as $1/n$. This explains why the smaller increment marks appear less intense (because n is greater at any given frequency).

Of course, the outputs from the logic chips are not ideal and the narrowest pulse is determined by rise and fall times for the output transistors and by propagation delays within the circuit. Furthermore, the shapes are not perfectly squared but at least the equation is generally consistent with our observations.

Brad

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 28 Oct 1999 13:40:23 EDT
From: K1JD@aol.com
To: brian@iquest.net, qrp-1@lehigh.edu
Subject: [54457] Re: WAS is within my grasp!
Message-ID: <0.7a4a65f2.2549e487@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

My RI contact is a 5 watt SSB contact, I'd really like to turn in a RI CW contact...John, when are you usually on the air? Care to sked?

Brian:

Always happy to accommodate a cw WAS request. No more business trips planned this week, so let me know your schedule and we can set something up. FYI, I should be free tonight after 0130z.

73,

John K1JD

Jamestown, RI

K2's SN#139 & #583

G5RV @ 40'

Date: Thu, 28 Oct 1999 12:45:06 -0500

From: "Dan W. Dooley" <dandooley@pipeline.com>

To: <K1JD@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [54458] Re: K2 - Worth the price? (again)

Message-ID: <007701bf216c\$2c363d80\$05987b7b@CSS0048.bergenbrunswick.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm drooling more now!

I hear that the receiver is outstanding. Wonder if anyone would comment on the quality of the sound as it relates to comfort of listening? Some receivers can be very high performance and really dig out the weak ones, or separate signals real well and all of that, but some can be a real headache to listen to for long periods of time. Yep, I know speakers have a lot to do with that but the audio channel itself has to be clean.

Just wondering....

Dan W. Dooley

e-mail to: dandooley@pipeline.com

Si Hoc Legere Scis Nimium Eruditionis Habes

-----Original Message-----

From: K1JD@aol.com <K1JD@aol.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Thursday, October 28, 1999 7:46 AM

Subject: K2 - Worth the price? (again)

> The K2 receiver is incredible. After 650+ QSO's and many A/B comparisons
>with an OMNI VI/full DSP under very weak signal conditions, LF contest/wall
>to wall S9+40dB signals, and everything in between, the K2 has never been
>humiliated.
> The QSK is flawless. It's like hearing another signal on the band with
no
>clicks and pops vice a typical sidetone.

Date: Thu, 28 Oct 1999 13:25:30 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [54459] Re: OPINION: Must ham radio be expensive?
Message-ID: <199910281806.0AA15988@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Here's a new subject category to add to the list Chuck, OPINION. We
sure have enough of them :-)

The way I see it, any hobby you can think of has a cost
associated with it. There are tools to get and supplies to buy. You
can get started with a minimal investment, but end up spending a lot
of money in the long run. Cheap equipment has to be soon replaced.

Compare the cost of Ham radio to other common hobbies and I think
you'll find you get a pretty good bang for the buck out of HR. Just
think of what it costs to get and keep a boat, own a snow machine, go
skiing, go camping, go hunting or fishing, do woodworking or other
artsy-crafty things, etc. Even sewing and knitting can get expensive.

Bottom line is if you can't afford to pay, you can't afford to play,
be it Ham Radio or any other hobby. If money is that tight, you got
bigger things to worry about than getting into some kind of hobby.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 28 Oct 1999 13:25:31 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>

To: kory@avatar.com
Cc: qrp-1@lehigh.edu
Subject: [54460] Re: HB: Attenuator
Message-ID: <199910281806.0AA15983@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Kory, et all,

Mini-Circuits makes some fixed attenuators in little metal cans
similer to the SBL-1's.

There are two flavors, the AT style which can haddle up to a watt and
the MAT, which are good for 1/2 watt. DC to 1500 Mhz.

They have kits of varrious assortments for 49.95.

K1-AT is 16 units, 4 each of 3,6,10 and 20 dB
K2-AT is 15 units, one each of 1 to 40 dB. (that would be
1,2,3,4,5,6,7,8,9,10,12,15,20,25,30 and 40 dB.)

K1-MAT is 16 units, 2 each of 3,6,9,10,12,15, 20 and 40 dB
K2-MAT is 16 units, one each of 1-40 dB.

Of course, you would have to make a box with shielded compartments
and switches to use them.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 28 Oct 1999 13:11:51 -0500
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
To: <psykey@okcforum.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54461] Re: Must ham radio be expensive?
Message-ID: <007501bf216f\$e9abcc60\$6f3a0b3f@default>

Jim and All a couple of years ago I bought a battered but functional
Atlas 210x for a \$100. Like most 'back up rigs' it sat on a shelf and
gathered dust while I played radio with the 'good stuff'. This summer I
picked up a handful of hamsticks and a mag mount for less than \$50. I
paired up the atlas and the hamsticks for mobile ssb qrp and can't remember
when I had so much fun for so little money. Ham radio doesn't have to be
expensive.

The neat thing about the hobby is we get to set our own individual goals. Sure, it might be nice to have the antenna farm at Aluminum Acres and bunches of FT 1000's, but it's not necessary. Yep, there are moments when I'm a little jealous of the QRO gang when their signal gets thru and mine doesn't but I also have the satisfaction of completing a QSO with minimal equipment and minimal cash outlay.

Mike in Minnesota

-----Original Message-----

From: Jim Glover <psykey@okcforum.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, October 28, 1999 10:27 AM
Subject: Must ham radio be expensive?

Date: Thu, 28 Oct 99 14:09:47 -0400
From: chuck.olson@sbaonline.gov
To: qrp-l@lehigh.edu
Subject: [54462] PICS: 10 MHz PIC mark gen
Message-ID: <9910281409.A0759wk@sbaonline.gov>
Content-Type: text

I've put a 10 MHz version of the PIC marker generator code on my new projects page:

<http://jacksonharbor.home.att.net/projects.htm>

This version has a 250 KHz marker in addition to the 100, 50, 25, 10 and 5 KHz markers.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press

Date: Thu, 28 Oct 1999 11:16:33 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [54463] Info on Mercury Paddles?
Message-ID: <38189301.CEB2AEC1@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Sorry to re-introduce a subject that was well discussed a while ago. At that time, I was not interested and didn't read the thread. Now that I've seen the "real thing" displayed at Pacificon, this item is going on my want list.

I didn't get a business card from the gentleman with the Mercury paddle display. Does he have a website?

I understand that the original Mercury paddles were manufactured by a gentleman who is now a SK. How are these new ones, by comparison?

While searching the Web for this item, I came across a website for The Ham Station, where Mercury paddles were discounted to \$429.95. Anyone deal with this vendor before?

Thanks in advance and 72 de Jim - AD6CW

Date: Thu, 28 Oct 1999 14:19:21 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [54464] RE: FOXtime...000PPPS
Message-ID: <0.65a36208.2549eda9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Sorry all for the wrong time. I ment to say 0030...It had been a very long day...On top of that, I was not able to hear the FOX. Heard everyone else calling him, but could not copy him....

Aron

Bedford, NH

(a very tired) N10DL

Date: Thu, 28 Oct 1999 11:14:37 -0700
From: "Bruce" <Bruce2@prodigy.net>
To: <Qrp-L@lehigh.edu>
Subject: [54465] Radio Books Store
Message-ID: <007a01bf2170\$4cf45d00\$2e809cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone have the name of the radio book store-- that I think is located in the Northeast. Saw it advertised once and can't remember the details. As I recall they only carry radio books.
Anyone out there know of which I speak?

Bruce WB4WZL

Date: Thu, 28 Oct 1999 11:20:53 -0700 (PDT)
From: Christian Void <cvoid@netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54466] RE: Bifilar and trifilar windings.
Message-ID: <Pine.3.89.9910281101.A783-01000000@netcom3.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 28 Oct 1999, Karl Kanalz wrote:

> Toroid, as named by the inventors, is the only correct spelling. The double
> "r" (torroid) is
> a regional variation, but it is not sanctioned in the electronics industry.

last time i checked, geometric shapes are not "invented", they are or have been "discovered".

anyways, websters has it as toroid or toroidal (alt) with a latin root of torus, therefore i would says one r to be correct, but personally, i think it is arbitrary, as we all know what he meant.

Date: Thu, 28 Oct 1999 14:17:09 -0400
From: "Jeremy Cowgar" <jcowgar@cbnews.org>

To: <qrp-1@lehigh.edu>
Subject: [54467] RE: OPINION: Must ham radio be expensive?
Message-ID: <11820538D9E2D211B62F0008C79F151E06D0BD@exchange.inhouse.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I started Ham Radio when I was 14yrs old, making about \$60 a month with my paper route. I am really grateful for the cheap qrp kits that exist. If it were not for those cheap kits that exist, I probly would not have gotten into the hobby, because I could not afford it, but in regards to my money I had nothing else to worry about.

Anything you get into you can spend booo-coooo bucks, but it does not have to be that way to enjoy the hobby, that's all that anyone is saying. You don't have to have the biggest, badest ham shack in the world to enjoy ham radio. Money is not everything, in fact it is very little. It's attitude that's the big component in the mystery of ham radio being expensive or cheap.

Don't try to tell someone because they don't have money that they can't enjoy ham radio. I have a 38 special that I still use and enjoy, it cost me \$25...along with about \$5 of wire to hang for a 30m dipole, \$1 of rope, and about \$10 for coax... total cost for my years of enjoyment = \$41 and I'm sure some have done it cheaper. Yes, I use my 38s even though I have a K2.

Jeremy - KB8LFA@qsl.net
KB8LFA - K2 #600

<http://www.qsl.net/kb8lfa/>

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Steven Weber
Sent: Thursday, October 28, 1999 9:26 AM
To: Low Power Amateur Radio Discussion
Subject: Re: OPINION: Must ham radio be expensive?

Here's a new subject catagory to add to the list Chuck, OPINION. We sure have enough of them :-)

The way I see it, any hobby you can think of has a cost associated with it. There are tools to get and supplys to buy. You can get started with a minimual investment, but end up spending a lot of money in the long run. Cheap equipment has to be soon replaced.

Compare the cost of Ham radio to other common hobbies and I think you'll find you get a pretty good bang for the buck out of HR. Just think of what it costs to get and keep a boat, own a snow machine, go skiing, go camping, go hunting or fishing, do woodworking or other artsy-crafty things, etc. Even sewing and kitting can get expensive.

Bottom line is if you can't afford to pay, you can't afford to play, be it Ham Radio or any other hobby. If money is that tight, you got bigger things to worry about than getting into some kind of hobby.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 28 Oct 1999 14:29:30 -0400
From: Tim <drboom@bright.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54468] Fox #2 (This is fun stuff)!!!
Message-ID: <3818960A.DA95DD08@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Well not only my first time at fox hunting, but I have been blessed with pelt #2 (thanks for the great ears, Ron)....
Now for the bad news, I work shift work, so next week can't even get into the hunt, MAJOR BUMMER !!!!!
Look out the following week, I'll be back with sling shot in hand.

I gave up on the ole fox, propagation just wasn't there. Went to help my daughter (9yrs old) with a computer program, then went upstairs for awhile.
Came back down and listened with about 45 minutes to go, the pack was hot after the fox, decided to fire one more pebble from the ole sling shot.
It somehow found it's mark, DIRECT HIT !!!! one shot, one pelt.
taught me a big lesson.....NEVER, NEVER, give up, It ain't over till it's over...

Ron, thanks for a great chase, and thanks for holding still long enough for that little pebble from my sling shot to find it's mark.

This is GREAT FUN!!!!!!!

73/72

Tim NM8Y QRP-L #2050 Zombie #707

Date: Thu, 28 Oct 1999 13:29:32 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <jcowgar@cbnews.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [54469] Re: OPINION: Must ham radio be expensive?
Message-ID: <00e501bf2172\$63becbe0\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sometimes it's not the "price" of something we have to overcome. Often it's that person of the opposite sex sharing the same house (known as spouse) who'll come up with "But ya already got a radio (or add two or three or whatever), why'da ya need 'nother un?" Translated: "Aint no way you're gonna put more money into that hobby right now." Or in the modern English: "No!"

Dan W. Dooley
 e-mail to: dandooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Thu, 28 Oct 1999 14:45:46 -0700
From: "C. Lamar Derk" <n3at@no1n.com>
To: -Reflector <qrp-l@lehigh.edu>
Subject: [54470] Filters
Message-ID: <3818C40A.F2CAD91C@no1n.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank you toall who replied to my question - there were a number of you. I am using Netscape, and have followed the suggestions of one who replied, and will wait now to see if it is working. What a great bunch we have on this reflector!

72 de Lamar, N3AT

Date: Thu, 28 Oct 1999 14:48:50 -0400
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: "'QRP Email List'" <qrp-l@lehigh.edu>
Subject: [54471] Re: Radio Books Store
Message-ID: <8060D04206ABD2118C6800805FC743CC46AD4E@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Bruce <Bruce2@prodigy.net> wrote ...
> Anyone have the name of the radio book store--

Bruce,
 That is the name. :-)

Radio Book Store
Craig Clark
PO Box 209
Rindge, NH 03461
Phone: 603-899-6959
800-457-7373 (10am-6pm EST)
Fax: 603-899-6826
Email: nx1g@top.monad.net
Web Site: <http://www.radiobooks.com/>

73, Michael, KC1SX

Date: Thu, 28 Oct 1999 12:11:02 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: dandoooley@pipeline.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54472] Re: K2 - Worth the price? (again)
Message-ID: <38183D56.D808956C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I find the studio out of the speaker to be exceptional. Very crisp and clean. I compared the K2 to my IC-706 while listening to an SSB QSO, and the K2 audio was by far the best. The 706 was a little muffled, and not crisp at all. Purely subjective of course, but I prefer the K2.

With the speaker on, my AF is between 88-9 on the dial, and with headphones it's between 6-7. Very easy to listen to.

--

73, de Roger, N7KT
Mesa, AZ 85202

Date: Thu, 28 Oct 1999 12:51:37 -0500
From: Ron Keener <rkeener@realtime.net>
To: Robsparks@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [54473] Re: AR QRP 40m Net Results
Message-ID: <38188D29.5A6C@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Shortly after the net began, background noise increased sharply and stations from all over became audible, almost as though someone had thrown a switch. "

yes - I have heard that same thing several times recently on 40 at about the same clock time - I was talking short skip with a station with s9 signal - in space of one transmission signal went to s1 and qrm came up to s5

73/72

--

ron keener near Austin, Texas <http://MidAmericaBreedingTech.com>

* Amateur radio station WAOREE

Date: Thu, 28 Oct 1999 15:30:26 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [54474] And He Still Heard Me!
Message-ID: <012801bf2183\$45043800\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just heard a CQ in the novice portion of 15. Said, what the heck. My Drake was adjusted to just about 1 watt. I called and he came right back. Actually gave me a 599. Hope he really meant it, but he seemed to be copying my lousy CW ok.

The Drake transmitter (T-4XB) output is not rock stable at such power levels, especially when transceiving from the receiver's VFO. At a given setting of the Gain control, it will be about half what it is if I transceive from the transmitter VFO. Yea, I know, I can probably fix that, but at full power output the differential is minimal.

Anyhow, on one of my transmissions I saw that my wattmeter was now reading less than a half watt. Not real accurate on the 20 watt scale of the old WH7 meter, but still, I'm real low! And with only a dipole at about 25 feet.

He STILL copied me 100%.

Hey KG4EVW in Tampa, if you're reading this, thanks for copying my pitifully weak signal and coming back with all those "R"s

Dan W. Dooley WB5TKA
e-mail to: dandoooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Thu, 28 Oct 1999 16:55:14 -0400
From: semann@tcia.net (Steven Mann)
To: jskalski@localnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54475] Re: RCVR: sherwood mods for drake
Message-ID: <3818B832.4CFB6AAA@tcia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Info might be available on their web site: www.sherweng.com
Steve, N4EY

James Skalski wrote:

>
> If there is anyone still reading the reflector that has used the drake
> r4c with any of the sherwood mods. I would like to hear what your

> experience has been. I am building the audio amp mod pcb and planning on
> the low voltage mod. Any opinions on the mixer mods or agc mods?
>
> If this is too much baggage for list please email direct.
>
>
> 73,
>
>
> Jim n2go

Date: Thu, 28 Oct 1999 16:56:32 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: psykey@okcforum.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54476] Re: Must ham radio be expensive?
Message-ID: <3818B880.10AE@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,

I would be the last to say that kit rig are non-productive. They have been the backbone of our hobbu, however the buyers should recognize the 'free' component in their costing! Where a vendor is able to sell a previously club kitted radio for what the club charged and still make enough to keep himself in whatever is great. However, when a radio is offered by a company that is not a non-profit company, a buyer should understand what is involved in running a company and not gripe about what they charge. Elecraft could have priced the K2 several hundred dollars above its current price and still not been able to keep up with the demand!

73

Date: Thu, 28 Oct 1999 17:06:52 -0400
From: Paul Stroud <aa4xx@ipass.net>
To: Jim Hale <kj5tf@madisoncounty.net>
Cc: Paul - Knightlights <aa4xx@amsat.org>, Larry Cahoon - WD3P/mW <wd3p@juno.com>, Bob W0LK <bobsey@juno.com>, Bob N9ZZ #1 <n9zz@centurytel.net>, klqrp <klqrp@waterw.com>, QRP-L <QRP-L@lehigh.edu>
Subject: [54477] Re: WAS 935mW
Message-ID: <3818BAEC.A9C3B921@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Jim,

Be it ever known from henceforth that ye are hereby knighted as "Sir JimLite" for thy most honorable accomplishment of "WAS using a combined power of 935 mW." What an outstanding accomplishment!
0.00072, Paul AA4XX

Jim Hale wrote:

>
> Hi - well I finally got my score below 1 watt last night. I had two skeds.
> One with IA, the other with RI. Got em both with low down mW's.
>
> Paul, looks like I can run the club stn, NQ5RP in the mW Holiday contest!!
>
> Larry, thanks for your comments the other day on QRP-L. You said it all very
> well.
>
> Two Bobs, I'll be looking for you on the net monday.
>
> cul - Jim kj5tf

Date: Thu, 28 Oct 1999 14:30:47 -0700
From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [54478] FS: PArtially Built K2
Message-ID: <3818C087.F9B084DA@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Duane asked me to post this to the list.

Eric

DuaneK7bli@aol.com wrote:

>
Eric:
I am Duane Anderson in Tigard, OR and I purchased a K2 kit some months ago. I have since run into some money problems and would like to know if you have anyone in the email reflector that would be interested in purchasing a second kit. Mine is about half built, in great condition having passed all the tests so far, I have all the remaining parts separated into their own little envelopes and labeled for easy access. I would, of course, include the

manual documented as to what has been done so far. If someone would be interested I would ask \$450 (I think that would be fair since the original price was \$550 - and I would pay for the shipping to get it to them. Its not

that I don't like the kit...I just need the money right now. I would appreciate it if you could put this out on the reflector. and they can email me at:

k7bli@arrl.net

>

> Thanks so much.

> Duane Anderson

Date: Wed, 27 Oct 1999 22:40:22 EDT

From: kc8aon@juno.com

To: Drbob92031@aol.com, qrp-1@Lehigh.EDU

Subject: [54479] Re: Help with all band Hf ant.

Message-ID: <19991028.173250.4655.0.kc8aon@juno.com>

Preserving balance "AINT" the reason for using balanced line in a multiband antenna ! Minimizing loss is the real reason for using balanced feedline. Coax at HF frequencies isn't all that lossy in a matched condition such as a resonant dipole. But when you use it in an unmatched condition such as using an 80 meter dipole on 40 meters you introduce a high SWR on the coax. I know, you are using a tuner to get a good match at the rig, but that's just it, a good match at the rig only !

There are still high standing waves on the coax between the tuner and the antenna causing the losses to skyrocket ! Using balanced feedline doesn't always cause RFI either, and it will transfer more power to the antenna in an unmatched condition because of it's low loss properties - it is low loss even with high SWR's on it. Loss in the feedline comes from heating the dielectric insulator (the material that keeps the conductors from shorting together). When a lossy material, such as some of the insulating material used in coax feedlines are used, it actually absorbs some of your power in the form of heating (wasted power) what you want is efficient power (power that is radiated). Air is a very very very low loss dielectric insulator, and since (we will use 450 window line here) the window line is approximately 50% air dielectric insulator, it is very low loss. Remember, a dummy load offers a very good match to your transmitter, but it radiates very little power because it is very very lossy ! Now back to the RFI, I use 450 ohm window line at my station with "NO" RFI ! I have a 40 meter double extended zepp that is 178 feet long, fed at the center with the window line, this in turn comes to the shack to an external balun, with about 8 feet of 9913 coax going to the tuner. I can work 10 thru 160 meters with the setup. And yes it is a compromise on 160, but it does work. The balun plans can be found in the 1996 (and probably others) edition of the ARRL

Good Luck & 73
de: KC8AON
Rick McKee
Willow Wood, Ohio

I have done so much, so long, with so little, I can now do anything with nothing ! RSM

Date: Wed, 27 Oct 1999 22:50:14 EDT
From: kc8aon@juno.com
To: fred.devries@mindspring.com, qrp-1@Lehigh.EDU
Subject: [54480] Re: OT Spring for J-38
Message-ID: <19991028.173250.4655.1.kc8aon@juno.com>

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de: KC8AON
Rick McKee
Willow Wood, Ohio

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Date: Thu, 28 Oct 1999 18:10:32 EDT
From: DLShips@aol.com
To: K1JD@aol.com, elecraft@qth.net, qrp-l@lehigh.edu
Subject: [54481] Re: [Elecraft] K2 - Worth the price? (again)
Message-ID: <0.986ce094.254a23d8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 99-10-28 08:45:33 EDT, K1JD@aol.com writes:

<< Bottom line, the OMNI VI/full DSP/all filters/PS (about \$3k) is on the floor and two K2's are in the operating position. Worth the money? Absolutely.
73, >>
John,

I'll second that... I'm just finishing my third one and the thrill of building them gets better all the time. Love that solder smoke...

73, Don W3RDF/qrp

Date: Thu, 28 Oct 1999 16:18:05 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@Lehigh.edu>
Subject: [54482] First Fox
Message-ID: <199910282215.QAA06693@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Happy Days worked my first Fox last night thanks Ron and will be there next week 72 Cal KF7ET

Date: Thu, 28 Oct 1999 18:20:13 -0400
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@lehigh.edu
Subject: [54483] K2 complaints and how to end them
Message-ID: <85256818.007ADB3B.00@mail2.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I don't remember anymore who it was that complained originally about the K2 and its price. But I'm thinking that there must be one somewhere near the poor unenlightened fellow. Someone oughta invite him over for a tall cool one and let him test drive it. I think he'd change his tune pretty quick once he got his hands on one.

No interest in Elecraft other than when they're gonna ship me my SSB adapter. Heh.

72,
David N2SMH
Glen Rock, NJ

Date: Thu, 28 Oct 1999 15:34:34 -0800
From: "Dan Hogan" <dhhogan@nav.cnchost.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [54484] Re: Names
Message-ID: <199910282228.SAA09694@devonshire.cnchost.com>

Well, I've reverted to the lurk mode, but still here.

>You know, I was just looking over the names on this list, and
>I'll swear, it looks to me as though most of the people who were
>here 1-2 years ago have moved on. Same fights though.

Dan Hogan WA6PBY
West Covina, CA
QRP-L #558

Date: Thu, 28 Oct 1999 18:46:20 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-l@Lehigh.EDU
Subject: [54485] HW-9 Price?
Message-ID: <3818D23C.56EA075F@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What is a reasonable price to ask for a HW-9 with WARC band accessory in 100% perfect condition. This rig was used, to the best of my knowledge, for seven QSOs, 5 by the previous owner, and 2 by me to see if it worked when I aquired it. The rig is picture - perfect or "out of the box new." With All Manuals.

Includes the power supply which has a scuff mark on the front panel.

This rig is for sale and when I figure an appropriate asking price, I'll post a "for sale" note, including the price.

Tnx for your help,
Saving for a K2,
Ed Kessler

End of QRP-L Digest 1622

